

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086094.D
 Acq On : 6 Apr 2016 13:10
 Operator : UM/SJ
 Sample : PB89565BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Quant Time: Apr 07 01:01:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	329965	20.00	ng	0.13
21) Naphthalene-d8	8.03	136	695449	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	312950	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	598180	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	472696	20.00	ng	-0.02
86) Perylene-d12	15.30	264	347770	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	755587	39.14	ng	-0.02
7) Phenol-d6	6.40	99	953635	38.89	ng	-0.02
23) Nitrobenzene-d5	7.31	82	646680	54.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	286261	97.46	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1060450	56.34	ng	-0.03
78) Terphenyl-d14	12.85	244	1141510	56.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	103776	11.34	ng	99
3) Pyridine	3.01	79	308519	15.06	ng	99
4) n-Nitrosodimethylamine	2.97	42	129259	14.35	ng	100
6) Aniline	6.49	93	316781	9.85	ng	# 56
8) 2-Chlorophenol	6.53	128	318284	13.83	ng	96
9) Benzaldehyde	6.29	77	101923	7.73	ng	94
10) Phenol	6.41	94	401503	14.35	ng	88
11) bis(2-Chloroethyl)ether	6.49	93	316781	14.30	ng	98
12) 1,3-Dichlorobenzene	6.91	146	302019	12.38	ng	# 91
13) 1,4-Dichlorobenzene	6.91	146	302019	12.01	ng	98
14) 1,2-Dichlorobenzene	6.91	146	302019	13.05	ng	96
15) Benzyl Alcohol	6.90	79	226161	14.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	350209	12.94	ng	63
17) 2-Methylphenol	7.01	107	253348	13.96	ng	97
18) Hexachloroethane	7.25	117	123858	13.40	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	83811	5.51	ng	# 79
20) 3+4-Methylphenols	7.17	107	329480	14.92	ng	# 67
22) Acetophenone	7.16	105	422146	25.82	ng	# 91
24) Nitrobenzene	7.33	77	335455	26.00	ng	97
25) Isophorone	7.57	82	612364	26.31	ng	99
26) 2-Nitrophenol	7.65	139	176086	28.53	ng	99
27) 2,4-Dimethylphenol	7.70	122	308853	27.86	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	397281	29.09	ng	99
29) 2,4-Dichlorophenol	7.89	162	247002	26.35	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	265932	25.28	ng	97
31) Naphthalene	8.05	128	926523	26.49	ng	99
32) Benzoic acid	7.85	122	191143	23.50	ng	99
33) 4-Chloroaniline	8.11	127	85153	6.03	ng	97
34) Hexachlorobutadiene	8.17	225	137562	24.32	ng	99
35) Caprolactam	8.49	113	55246	18.58	ng	91
36) 4-Chloro-3-methylphenol	8.61	107	287382	27.28	ng	87
37) 2-Methylnaphthalene	8.74	142	570633	24.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	235416	25.03	ng	98
40) Hexachlorocyclopentadiene	8.90	237	182652	60.05	ng	98

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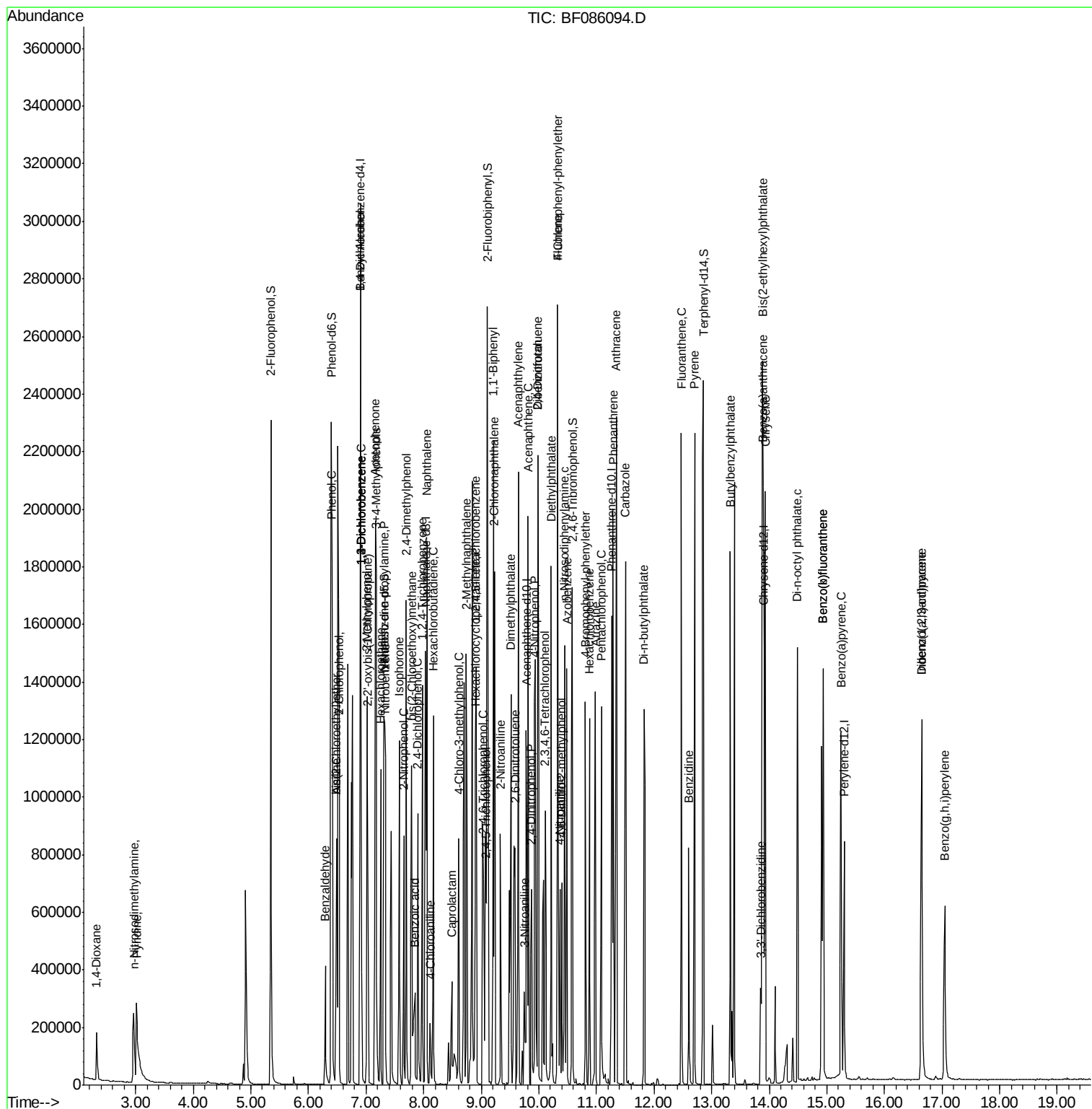
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	169416	28.05	ng	96
43) 2,4,5-Trichlorophenol	9.08	196	173425	28.28	ng	99
45) 1,1'-Biphenyl	9.21	154	673826	24.97	ng	98
46) 2-Chloronaphthalene	9.23	162	501055	25.62	ng	93
47) 2-Nitroaniline	9.33	65	153909	26.89	ng	89
48) Acenaphthylene	9.64	152	797195	25.44	ng	99
49) Dimethylphthalate	9.52	163	646093	27.85	ng	99
50) 2,6-Dinitrotoluene	9.58	165	152612	31.10	ng	# 66
51) Acenaphthene	9.81	154	470635	25.26	ng	99
52) 3-Nitroaniline	9.74	138	61389	10.38	ng	85
53) 2,4-Dinitrophenol	9.87	184	136875	50.68	ng	# 66
54) Dibenzofuran	9.98	168	720199	29.26	ng	95
55) 4-Nitrophenol	9.93	139	171793	49.27	ng	89
56) 2,4-Dinitrotoluene	9.98	165	163087	26.30	ng	# 37
57) Fluorene	10.33	166	539396	25.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	134028	29.35	ng	98
59) Diethylphthalate	10.21	149	657202	28.07	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	287356	29.34	ng	# 84
61) 4-Nitroaniline	10.36	138	156731	26.91	ng	85
62) Azobenzene	10.49	77	710544	31.69	ng	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	95133	26.24	ng	97
65) n-Nitrosodiphenylamine	10.44	169	503446	26.91	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	156155	25.57	ng	# 82
67) Hexachlorobenzene	10.88	284	162887	25.79	ng	# 72
68) Atrazine	10.98	200	172627	28.56	ng	99
69) Pentachlorophenol	11.08	266	169363	57.22	ng	99
70) Phenanthrene	11.29	178	809414	24.80	ng	100
71) Anthracene	11.34	178	953822	27.90	ng	99
72) Carbazole	11.50	167	848770	28.88	ng	99
73) Di-n-butylphthalate	11.82	149	988776	27.16	ng	99
74) Fluoranthene	12.48	202	896755	26.42	ng	95
76) Benzidine	12.60	184	317661	19.05	ng	98
77) Pyrene	12.71	202	930033	27.92	ng	99
79) Butylbenzylphthalate	13.32	149	410223	27.35	ng	# 83
80) Benzo(a)anthracene	13.89	228	695255	24.95	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	94295	4.63	ng	# 95
82) Chrysene	13.93	228	662275	24.68	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	506672	25.45	ng	# 96
84) Di-n-octyl phthalate	14.49	149	784077	24.66	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	565427	25.97	ng	98
87) Benzo(b)fluoranthene	14.93	252	1135030	51.88	ng	98
88) Benzo(k)fluoranthene	14.93	252	1135045	58.59	ng	98
89) Benzo(a)pyrene	15.24	252	530448	27.37	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	471148	30.21	ng	98
91) Benzo(g,h,i)perylene	17.05	276	478762	31.72	ng	97

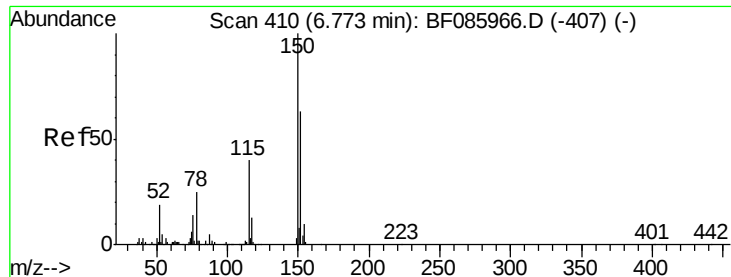
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.13 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

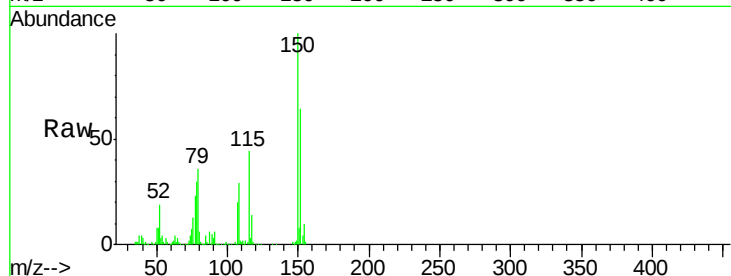
Tgt Ion:152 Resp: 329965

Ion Ratio Lower Upper

152 100

150 157.5 124.2 186.2

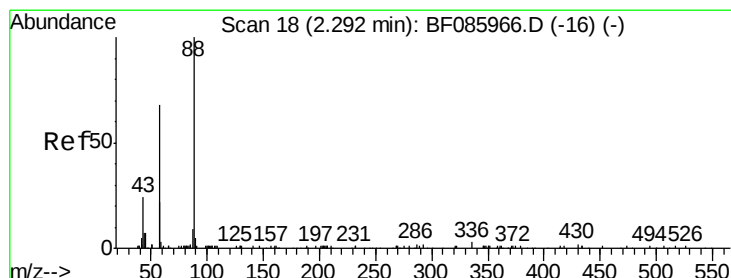
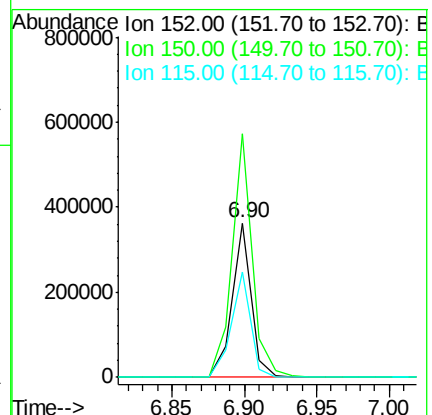
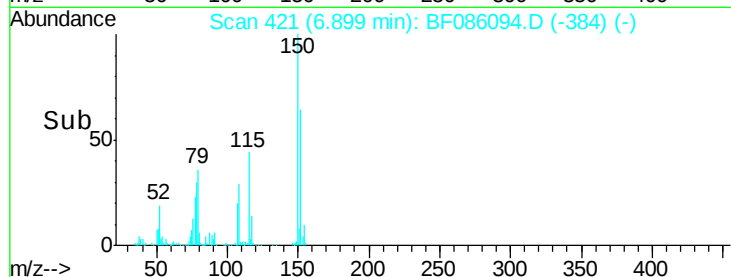
115 68.5 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.34 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

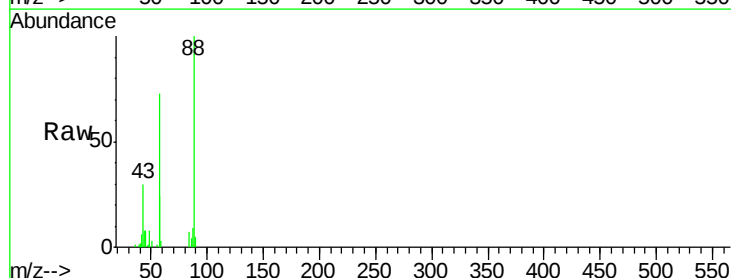
Tgt Ion: 88 Resp: 103776

Ion Ratio Lower Upper

88 100

58 68.1 54.2 81.2

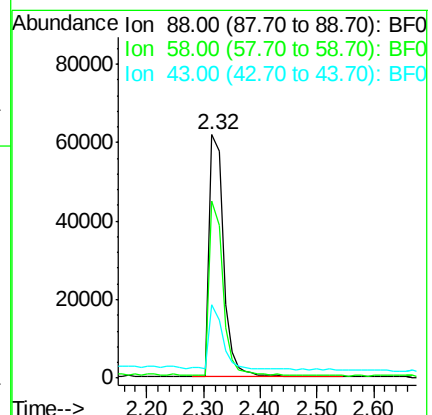
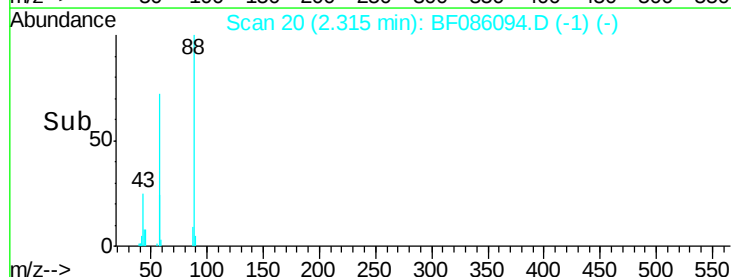
43 25.0 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.06 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

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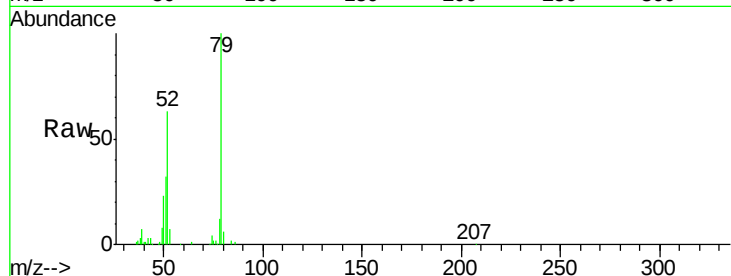
Tgt Ion: 79 Resp: 308519

Ion Ratio Lower Upper

79 100

52 62.9 49.8 74.6

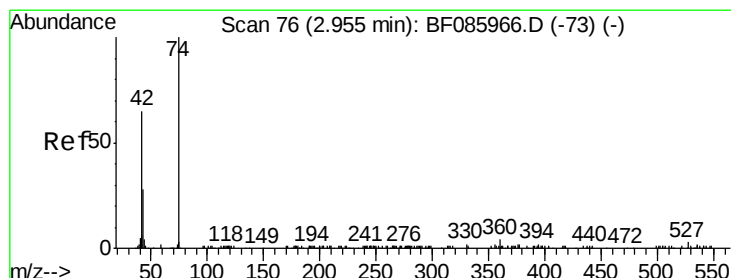
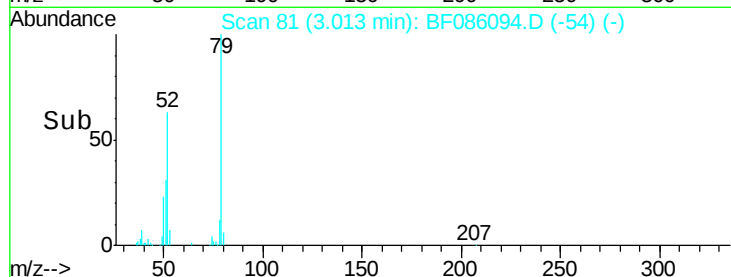
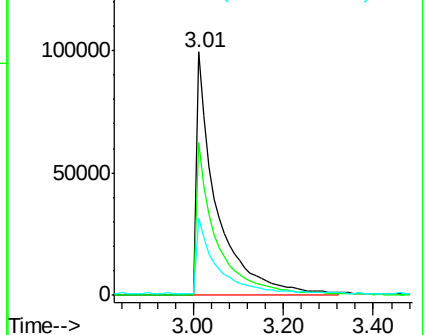
51 31.6 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.35 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.01 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

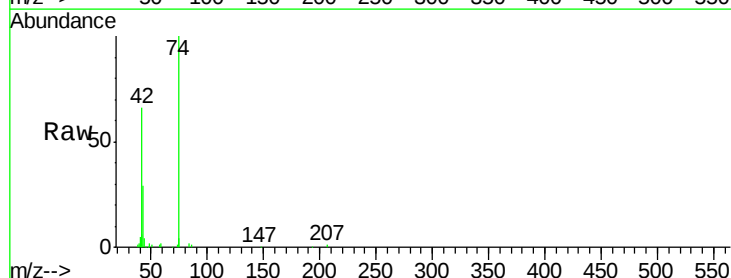
Tgt Ion: 42 Resp: 129259

Ion Ratio Lower Upper

42 100

74 151.6 121.4 182.2

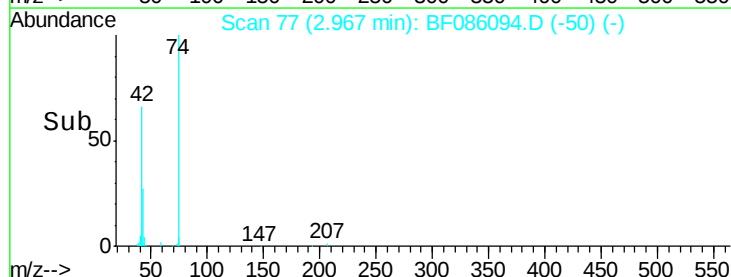
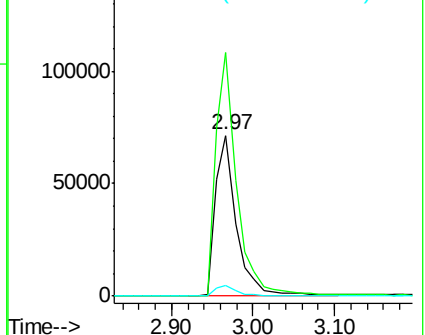
44 6.7 5.6 8.4

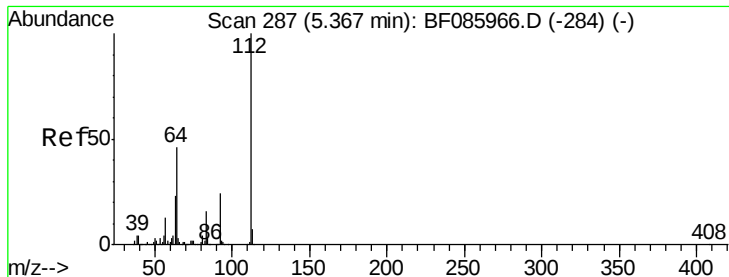


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 39.14 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

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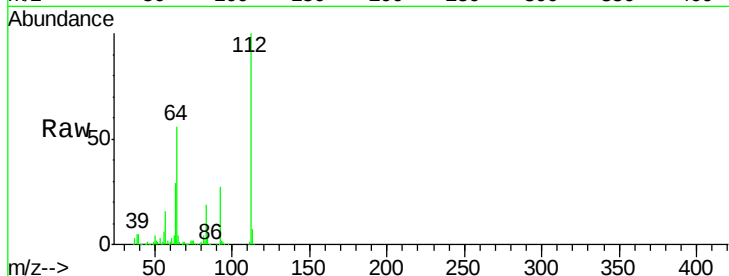
Tgt Ion: 112 Resp: 755587

Ion Ratio Lower Upper

112 100

64 55.9 39.9 59.9

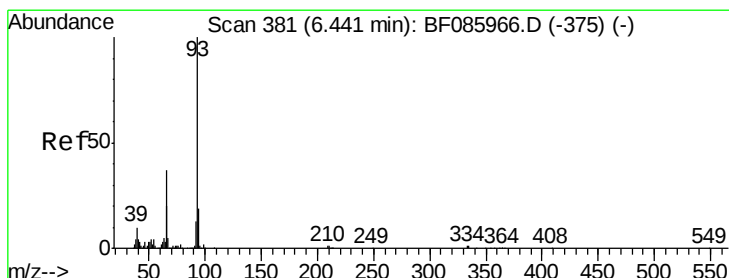
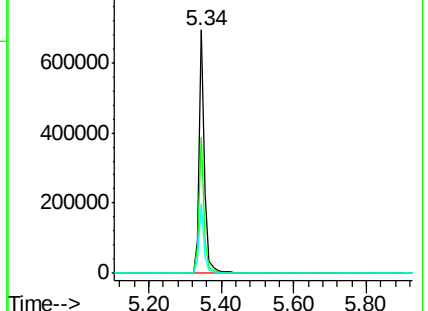
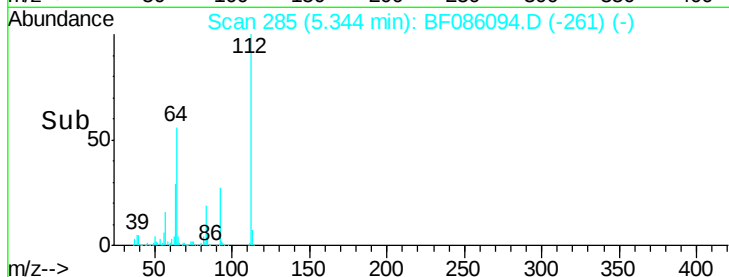
63 28.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.85 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.05 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

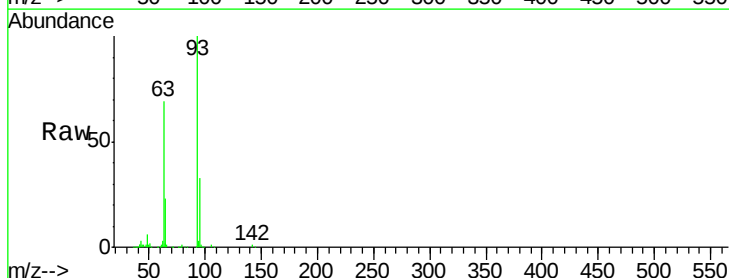
Tgt Ion: 93 Resp: 316781

Ion Ratio Lower Upper

93 100

66 0.6 31.4 47.2#

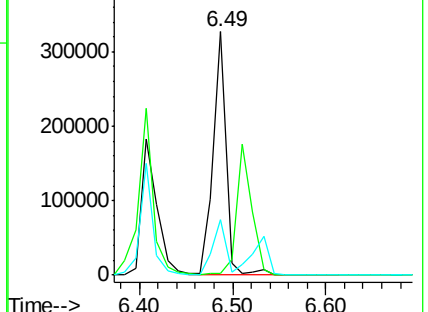
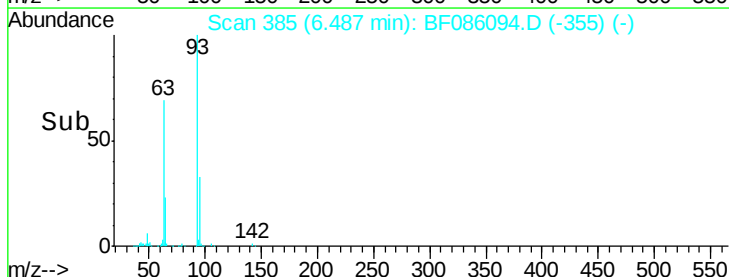
65 22.6 15.7 23.5

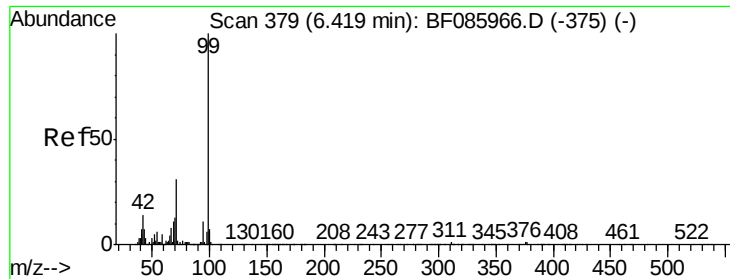


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 38.89 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

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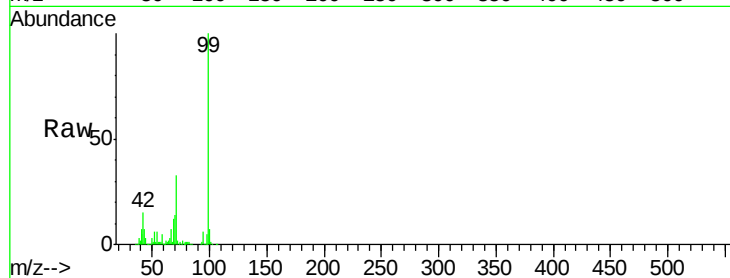
Tgt Ion: 99 Resp: 953635

Ion Ratio Lower Upper

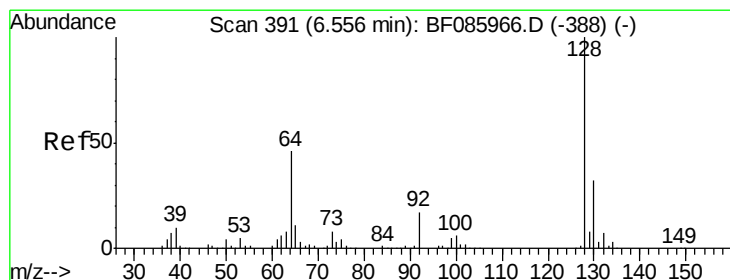
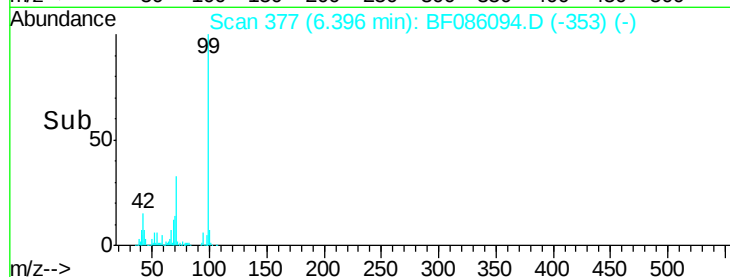
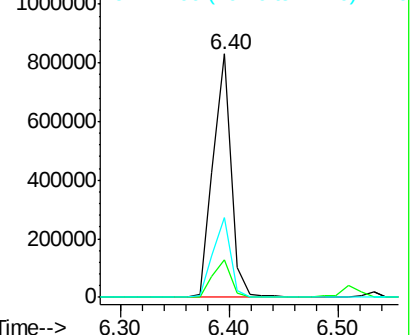
99 100

42 15.3 11.1 16.7

71 32.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 13.83 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

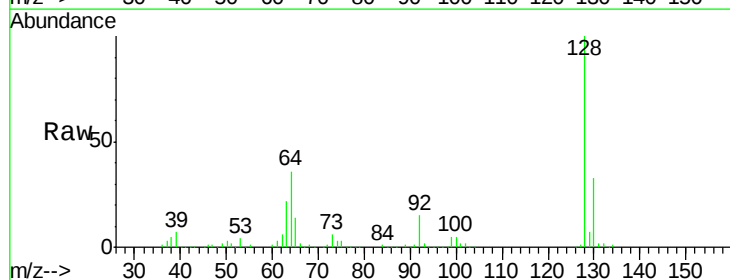
Tgt Ion: 128 Resp: 318284

Ion Ratio Lower Upper

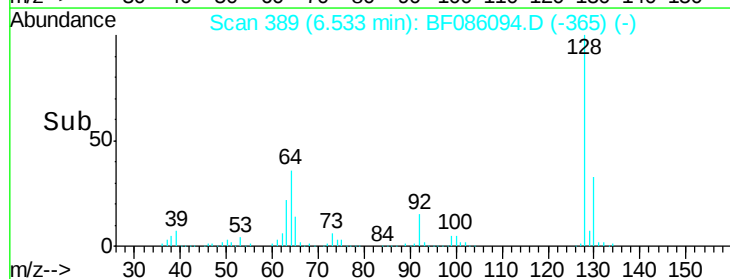
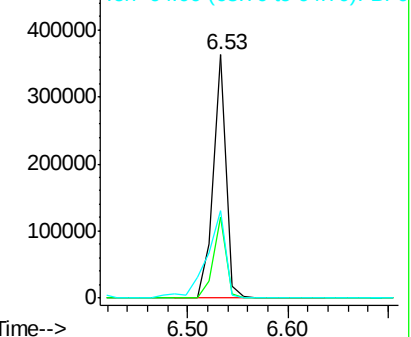
128 100

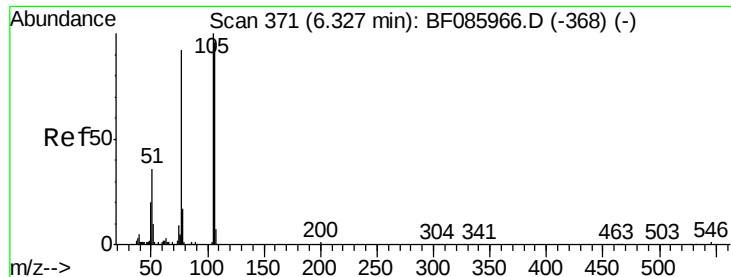
130 33.1 12.9 52.9

64 35.9 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.73 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

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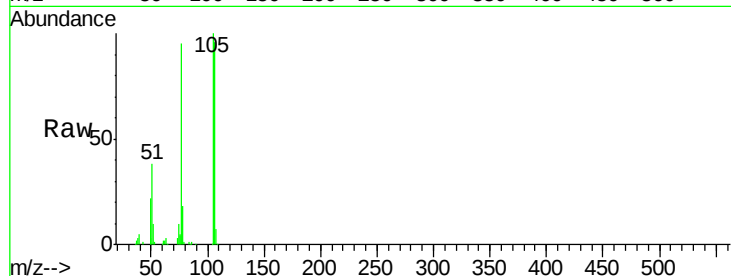
Tgt Ion: 77 Resp: 101923

Ion Ratio Lower Upper

77 100

105 105.5 80.1 120.1

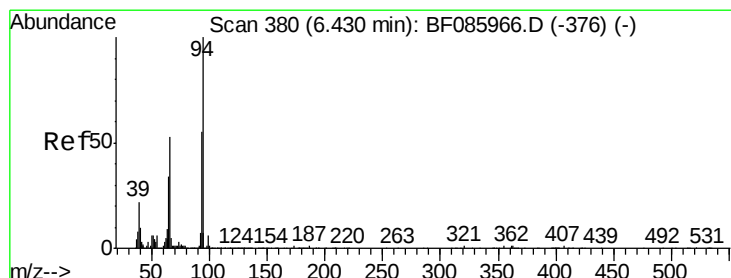
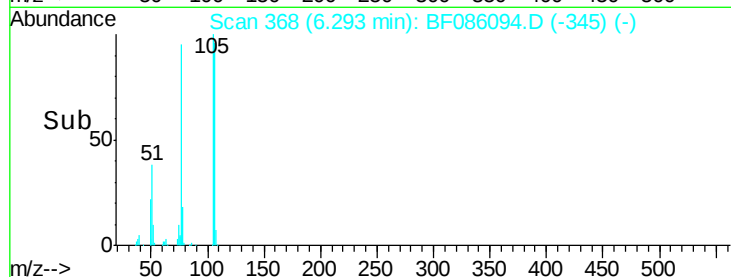
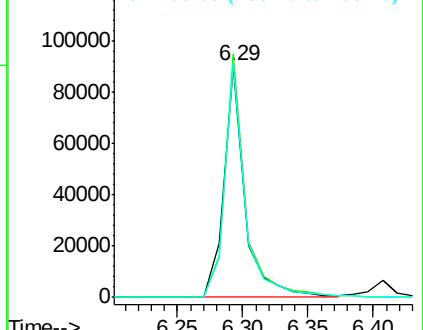
106 101.1 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 14.35 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

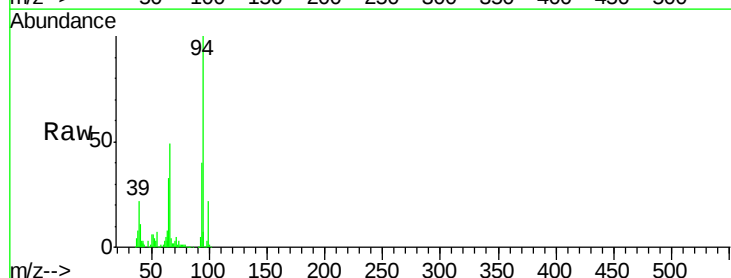
Tgt Ion: 94 Resp: 401503

Ion Ratio Lower Upper

94 100

65 33.1 8.6 48.6

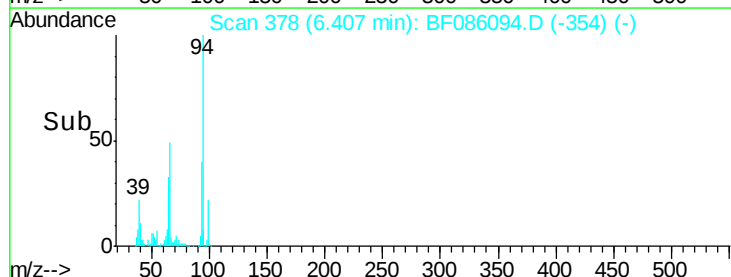
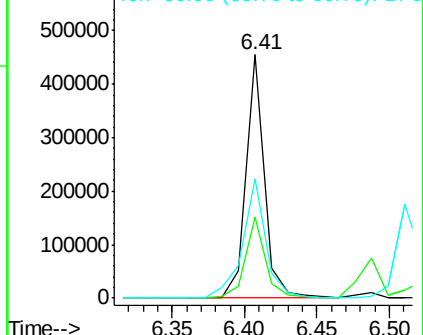
66 49.2 20.0 60.0

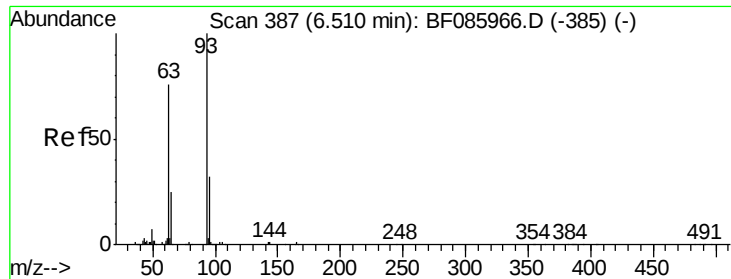


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

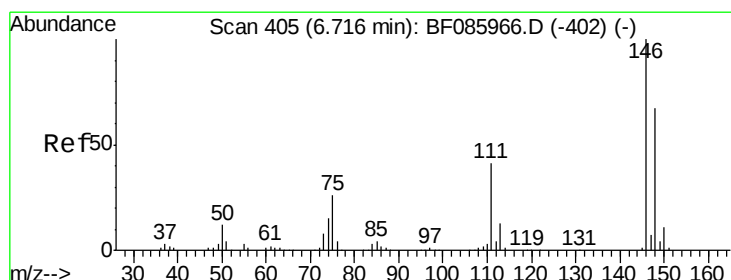
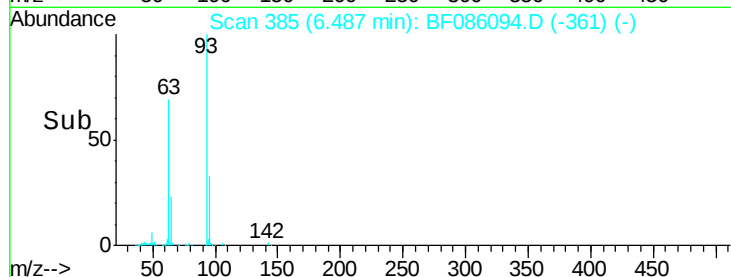
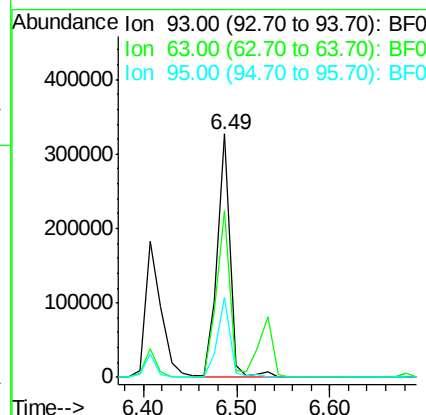
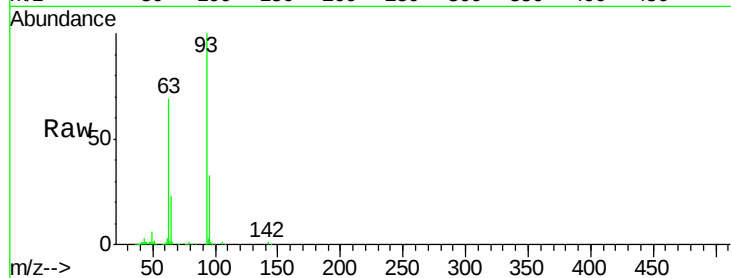




#11
bis(2-Chloroethyl)ether
Concen: 14.30 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

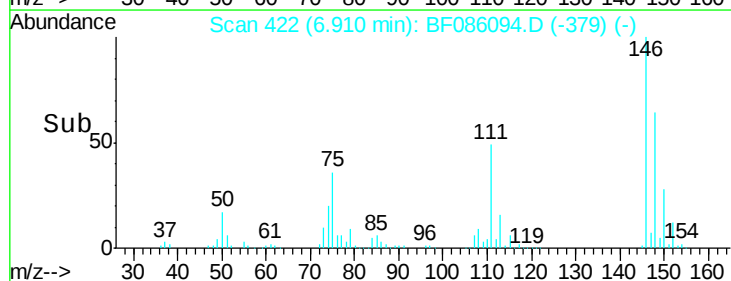
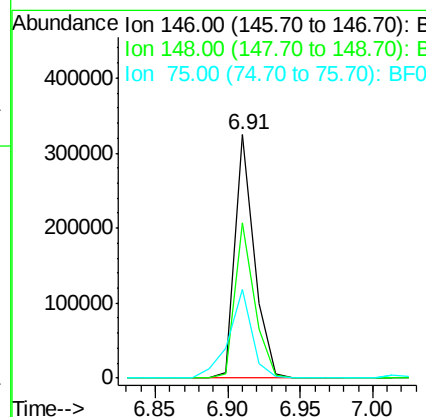
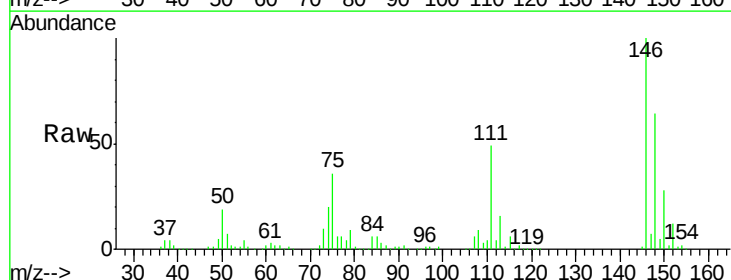
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

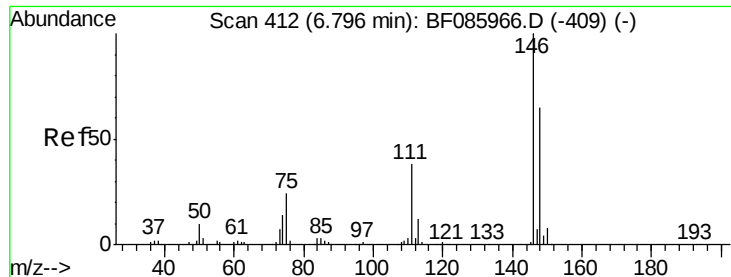
Tgt Ion: 93 Resp: 316781
Ion Ratio Lower Upper
93 100
63 68.7 50.9 90.9
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 12.38 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.19 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion: 146 Resp: 302019
Ion Ratio Lower Upper
146 100
148 63.8 52.3 78.5
75 36.3 17.4 26.2#





#13

1,4-Dichlorobenzene

Concen: 12.01 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.11 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

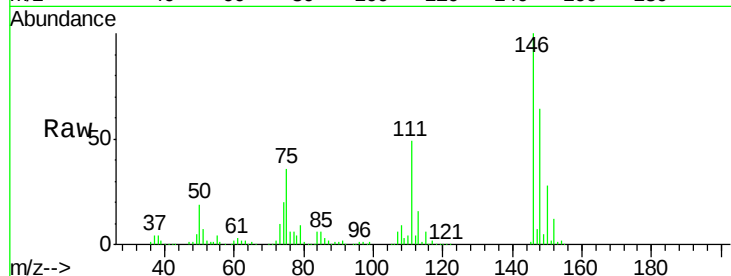
Tgt Ion:146 Resp: 302019

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

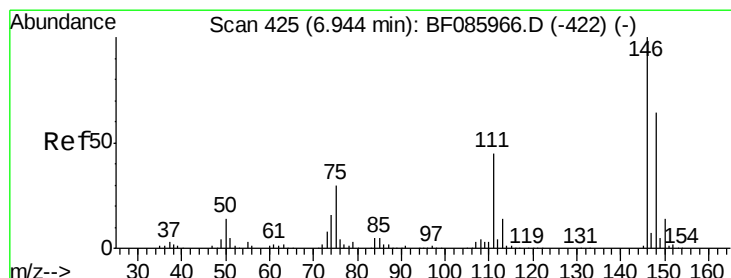
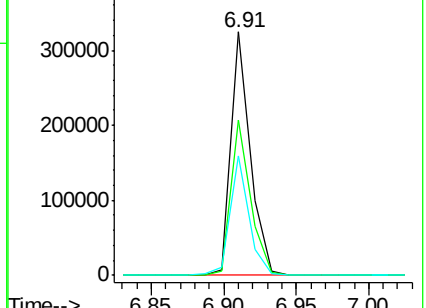
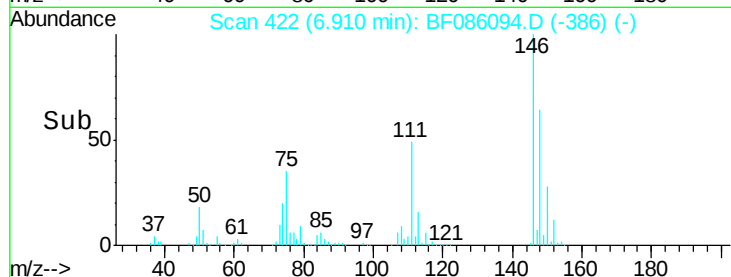
111 49.0 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.05 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

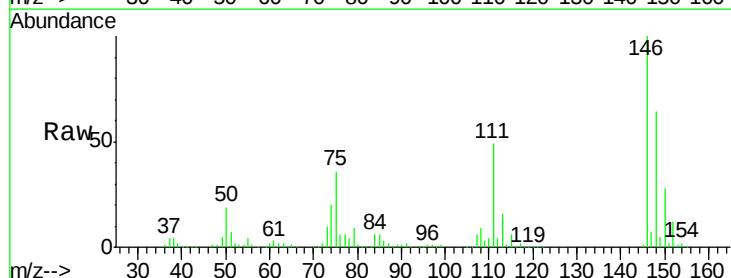
Tgt Ion:146 Resp: 302019

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

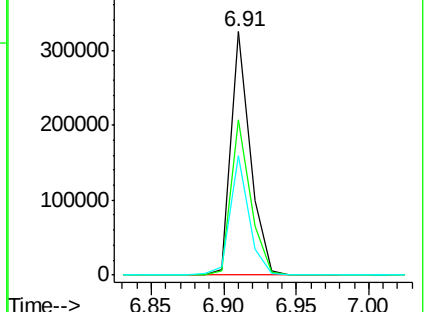
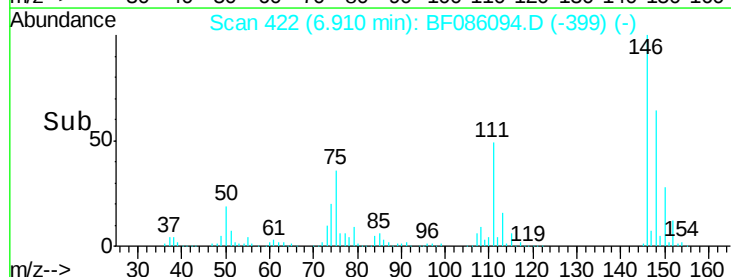
111 49.0 34.6 52.0

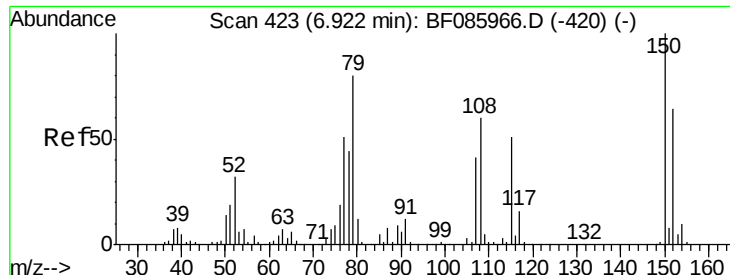


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

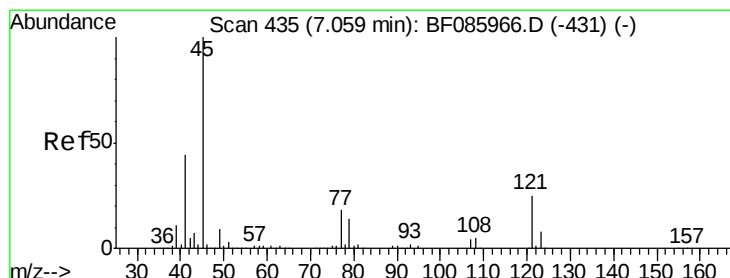
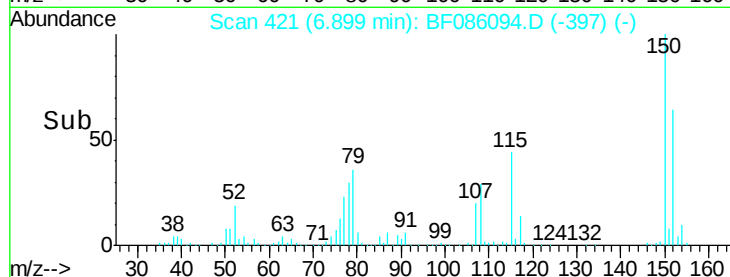
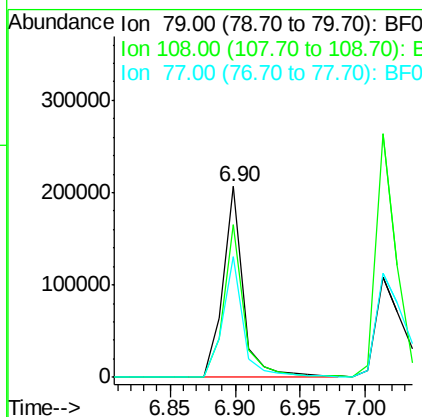
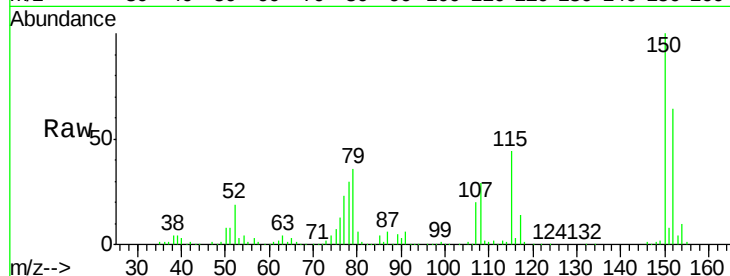




#15
Benzyl Alcohol
Concen: 14.26 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

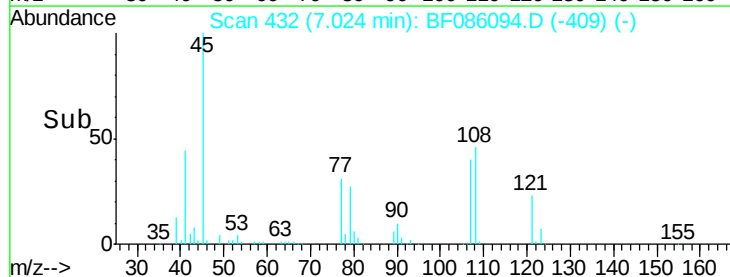
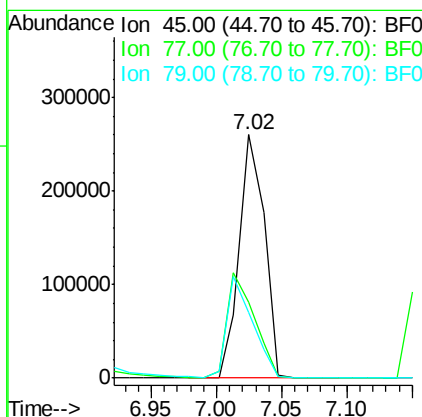
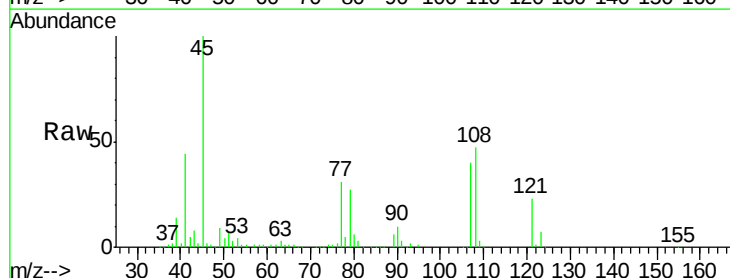
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

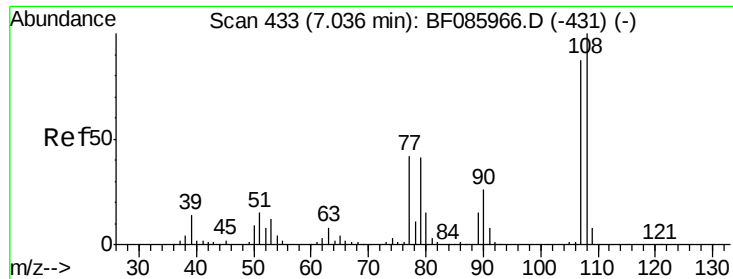
Tgt Ion: 79 Resp: 226161
Ion Ratio Lower Upper
79 100
108 79.8 61.8 92.6
77 63.5 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.94 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion: 45 Resp: 350209
Ion Ratio Lower Upper
45 100
77 30.9 0.0 35.7
79 27.1 0.0 32.2

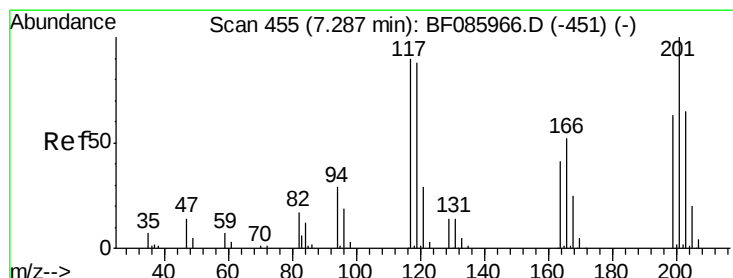
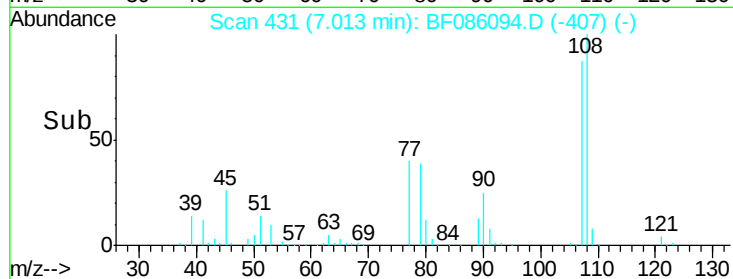
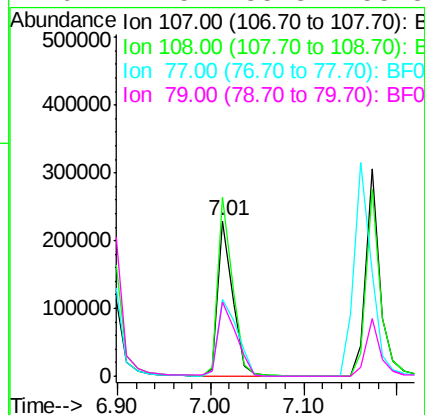
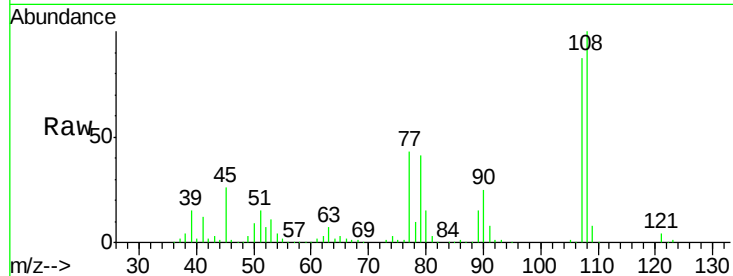




#17
2-Methylphenol
Concen: 13.96 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

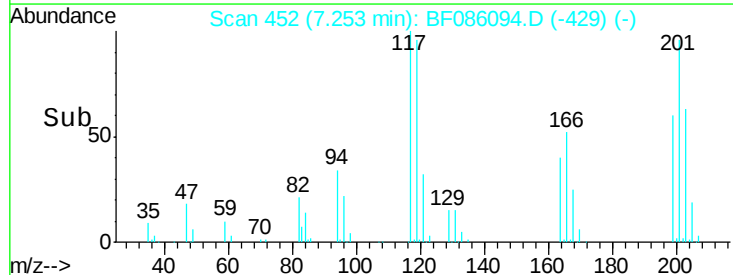
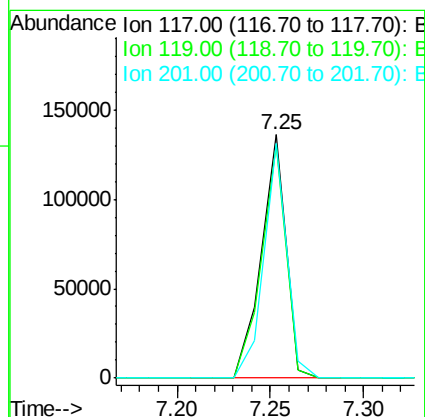
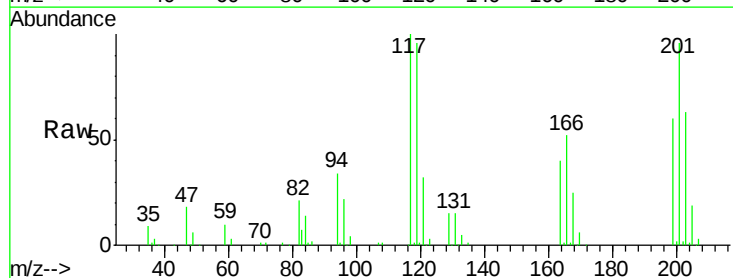
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

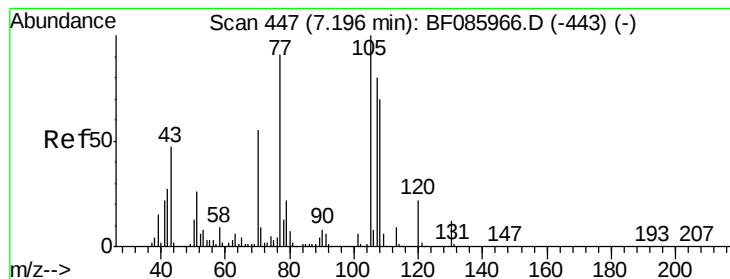
Tgt Ion:107 Resp: 253348
Ion Ratio Lower Upper
107 100
108 115.1 91.4 137.0
77 49.3 36.2 54.2
79 47.5 35.8 53.8



#18
Hexachloroethane
Concen: 13.40 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:117 Resp: 123858
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
201 96.3 83.3 124.9





#19

n-Nitroso-di-n-propylamine

Concen: 5.51 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.11 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

Tgt Ion: 70 Resp: 83811

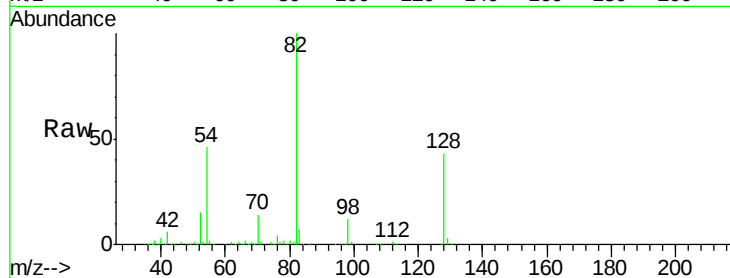
Ion Ratio Lower Upper

70 100

42 41.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

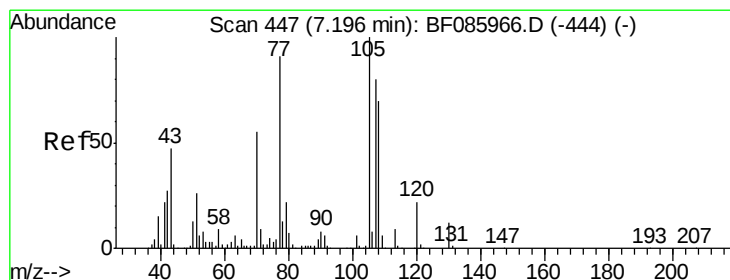
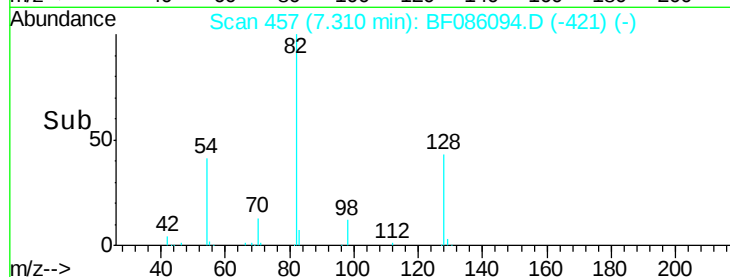
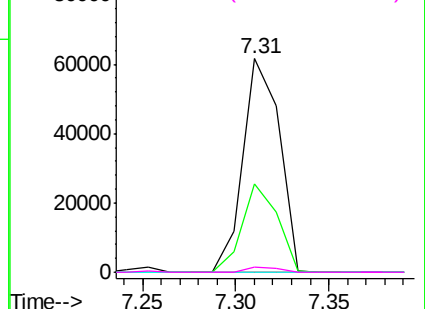


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 14.92 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion: 107 Resp: 329480

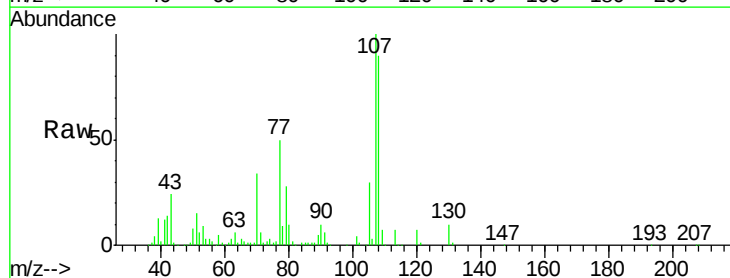
Ion Ratio Lower Upper

107 100

108 89.9 69.3 109.3

77 50.2 101.7 141.7#

79 27.7 8.3 48.3

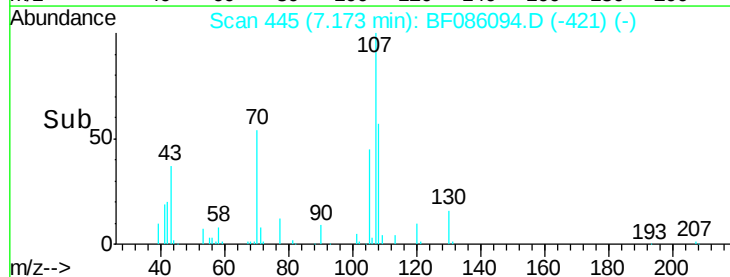
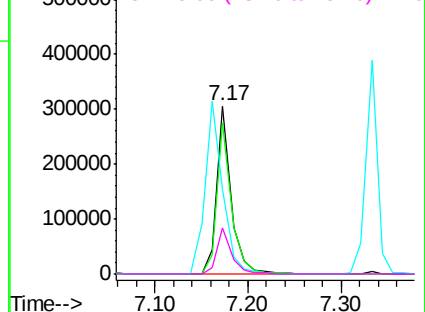


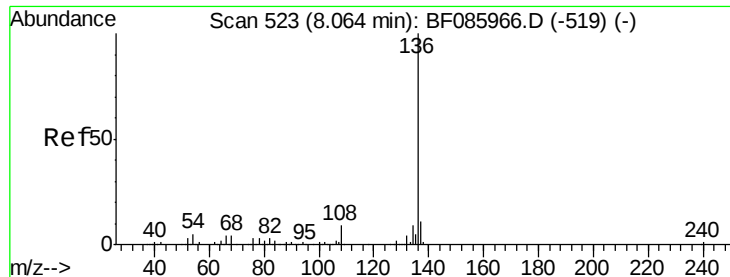
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

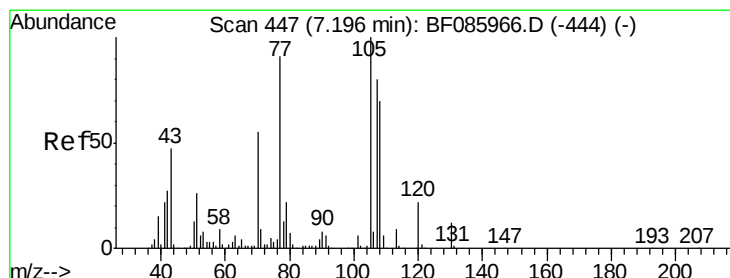
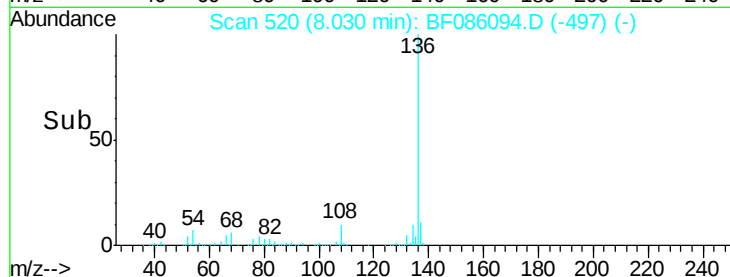
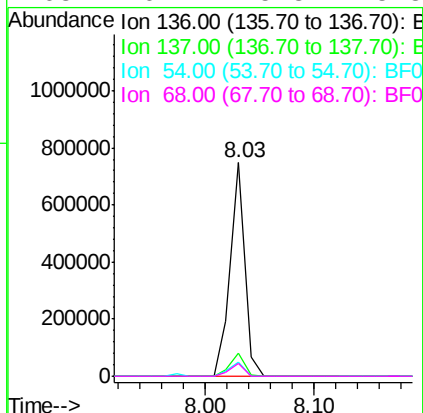
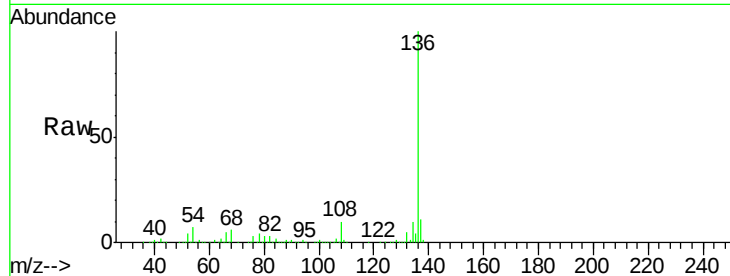




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

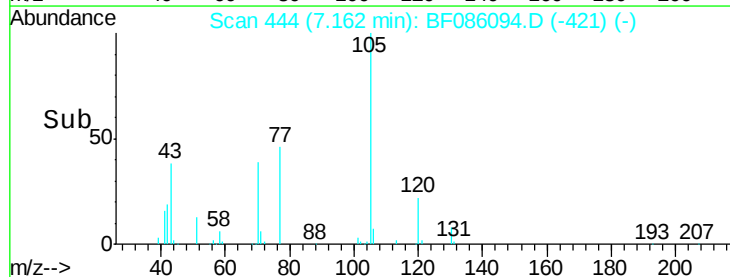
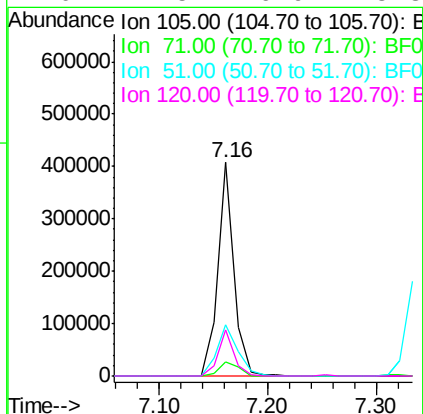
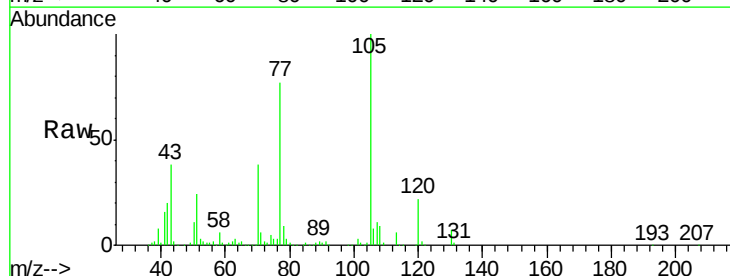
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

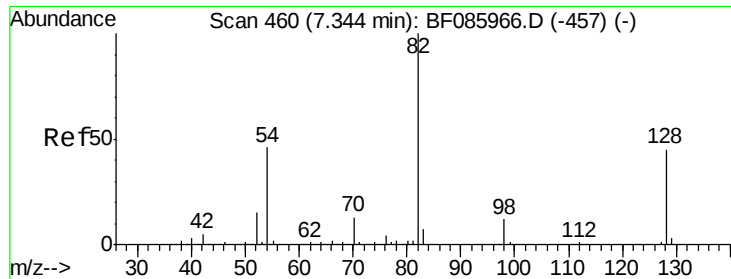
Tgt Ion:	136	Resp:	695449
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	7.4	11.0#
68	6.1	5.8	8.8



#22
Acetophenone
Concen: 25.82 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:	105	Resp:	422146
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.6	5.4#
51	23.8	25.4	38.0#
120	21.5	16.9	25.3

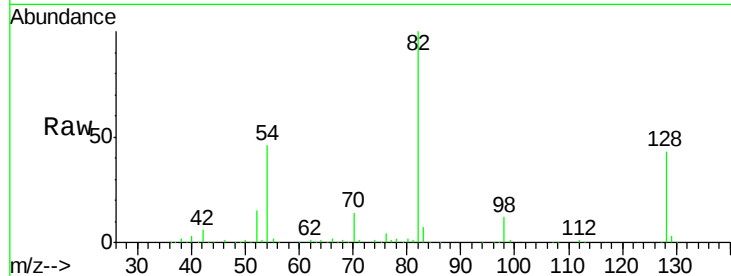




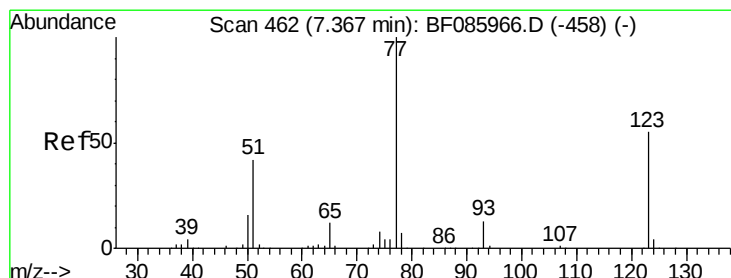
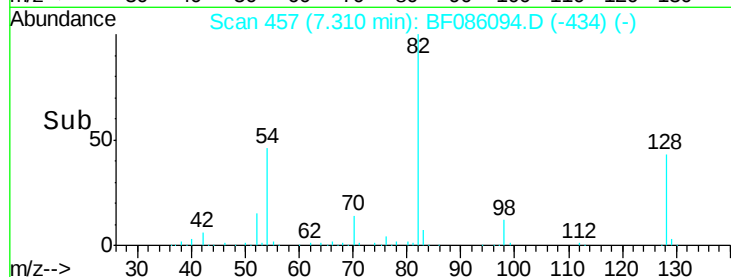
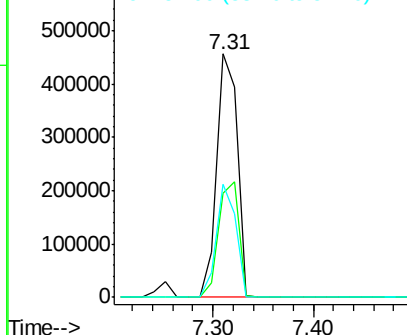
#23
 Nitrobenzene-d5
 Concen: 54.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tgt Ion: 82 Resp: 646680
 Ion Ratio Lower Upper
 82 100
 128 42.9 41.8 62.8
 54 46.5 33.4 50.0

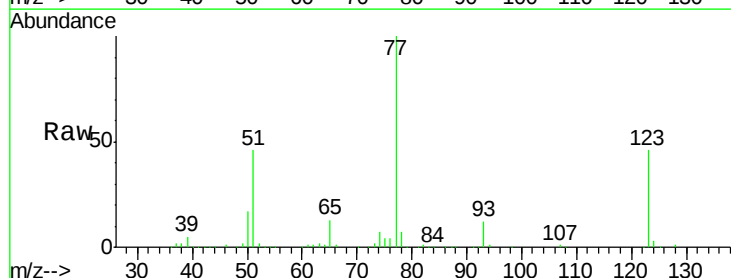


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

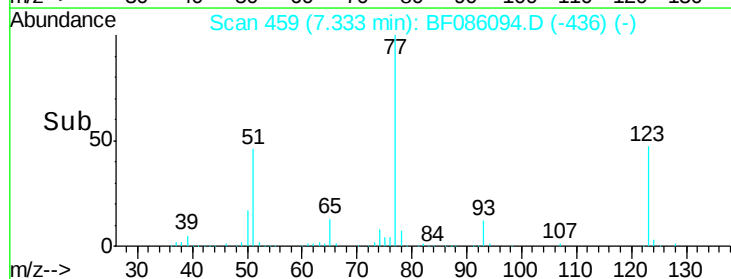
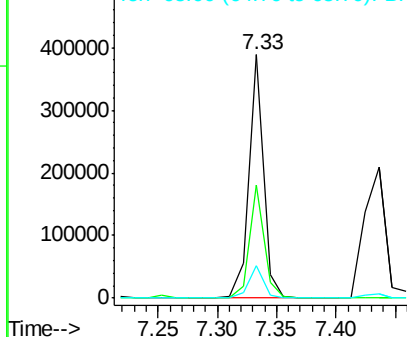


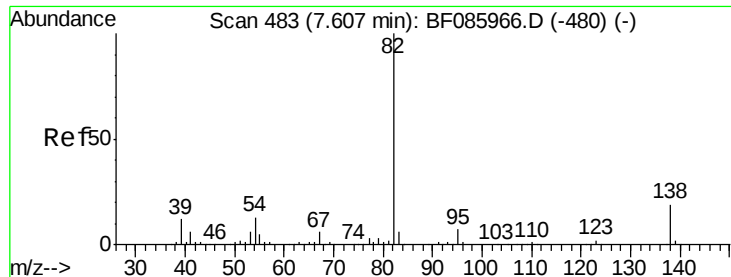
#24
 Nitrobenzene
 Concen: 26.00 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion: 77 Resp: 335455
 Ion Ratio Lower Upper
 77 100
 123 46.5 35.0 52.4
 65 13.1 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 26.31 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

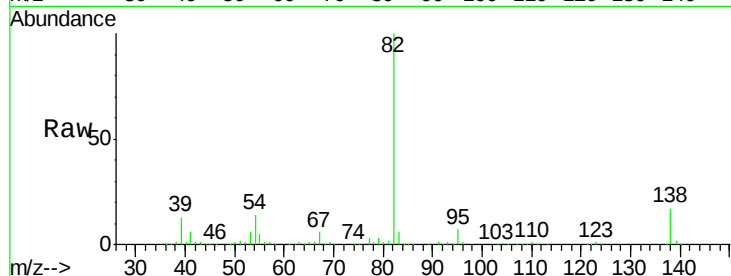
Tgt Ion: 82 Resp: 612364

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

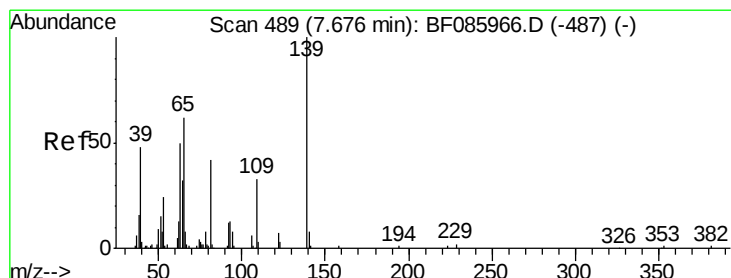
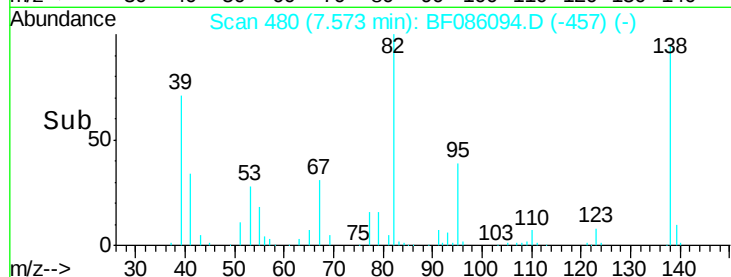
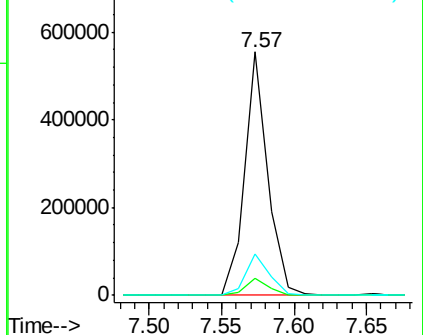
138 16.9 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 28.53 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

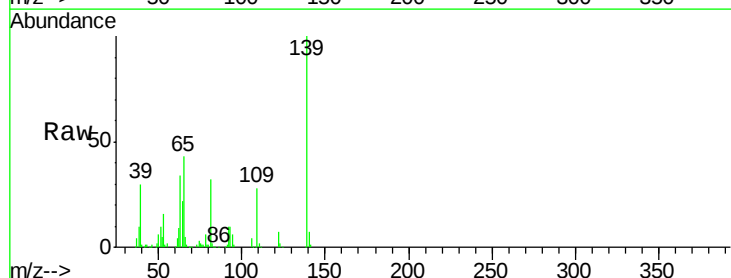
Tgt Ion: 139 Resp: 176086

Ion Ratio Lower Upper

139 100

109 28.0 22.1 33.1

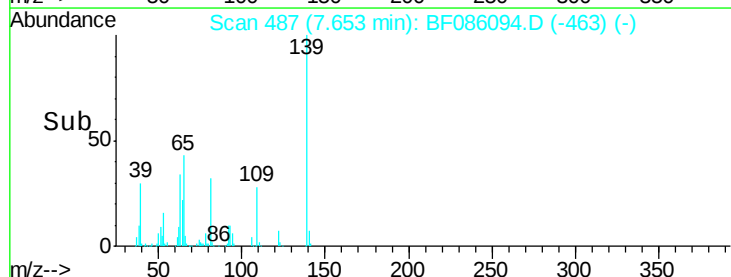
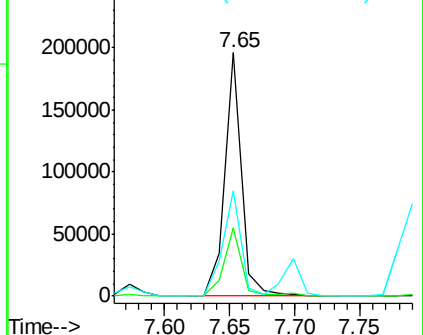
65 43.3 33.9 50.9

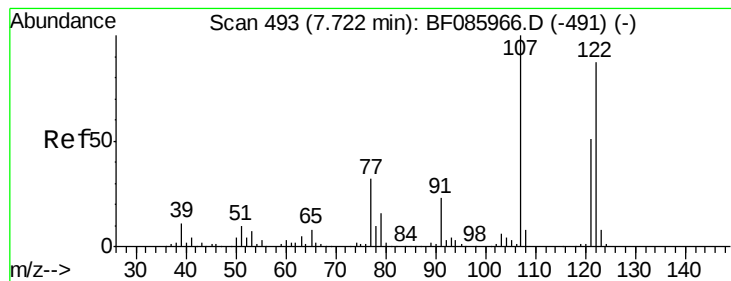


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

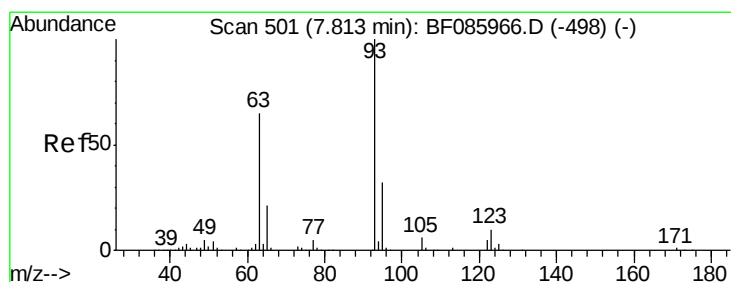
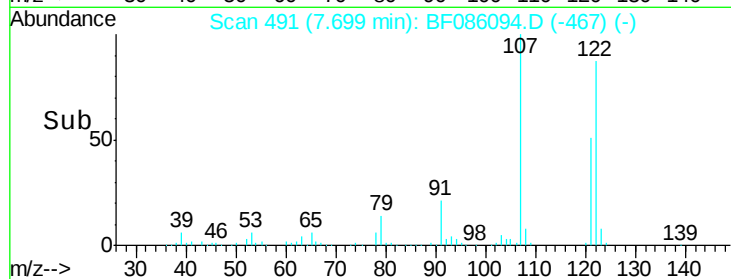
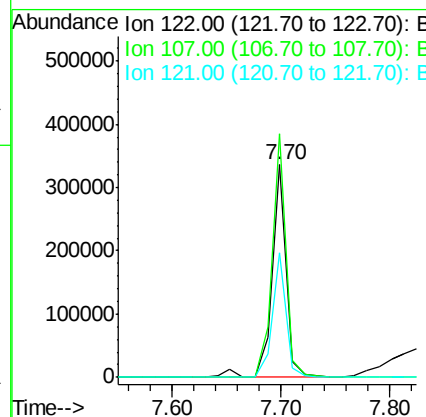
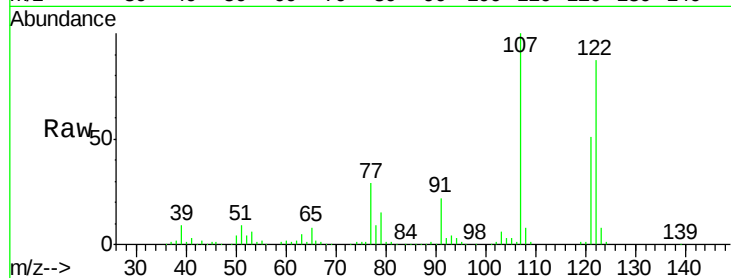




#27
 2,4-Dimethylphenol
 Concen: 27.86 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

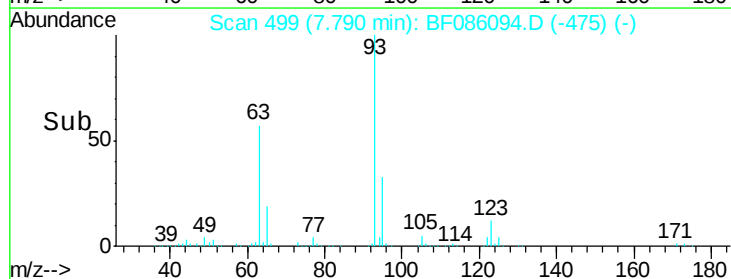
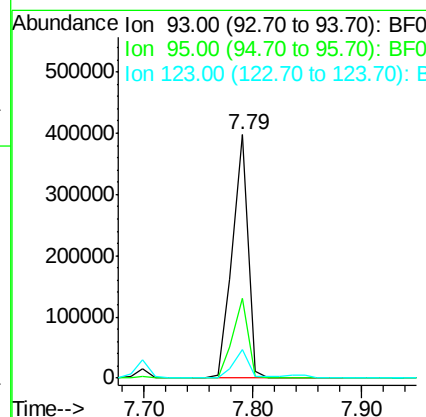
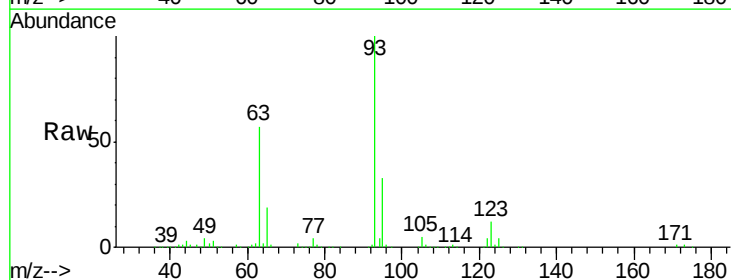
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

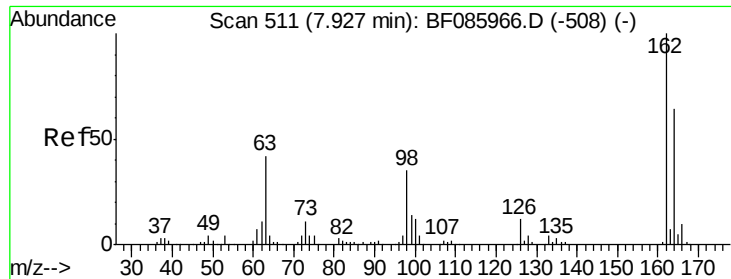
Tgt Ion: 122 Resp: 308853
 Ion Ratio Lower Upper
 122 100
 107 114.5 93.0 139.6
 121 58.5 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.09 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion: 93 Resp: 397281
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 11.6 9.8 14.6

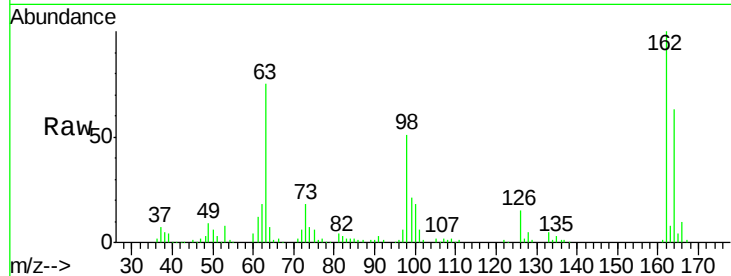




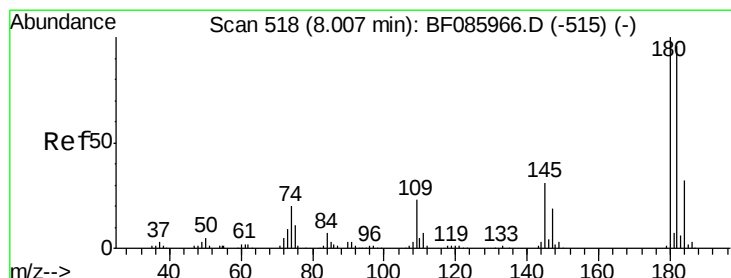
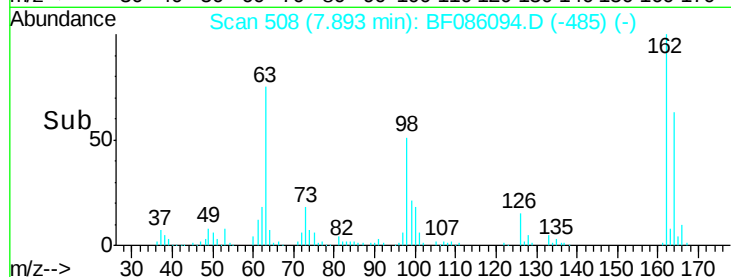
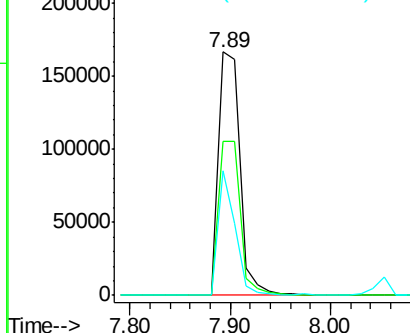
#29
 2,4-Dichlorophenol
 Concen: 26.35 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tgt Ion:162 Resp: 247002
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.7 83.7
 98 51.1 20.4 60.4

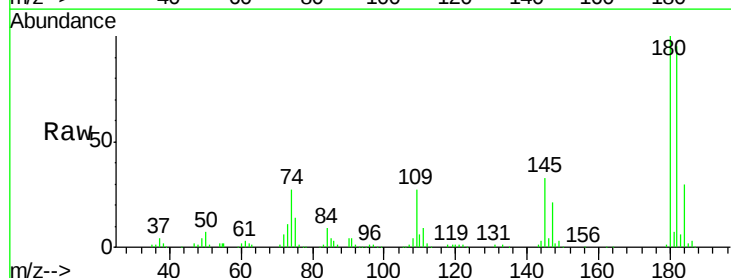


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

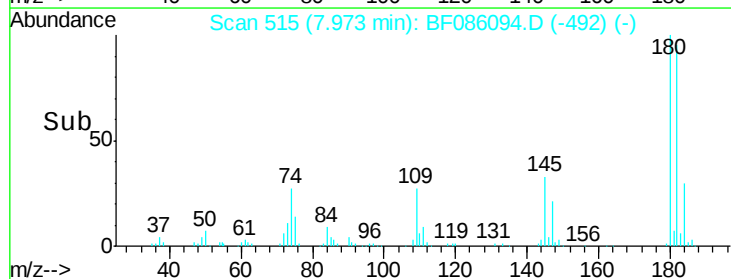
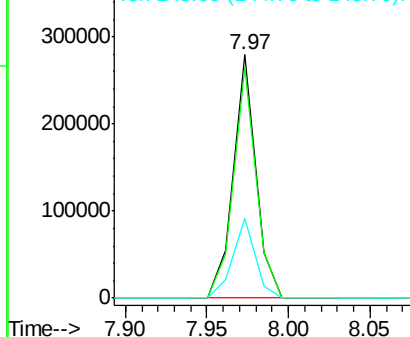


#30
 1,2,4-Trichlorobenzene
 Concen: 25.28 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:180 Resp: 265932
 Ion Ratio Lower Upper
 180 100
 182 94.6 73.8 110.8
 145 32.9 28.4 42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 26.49 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

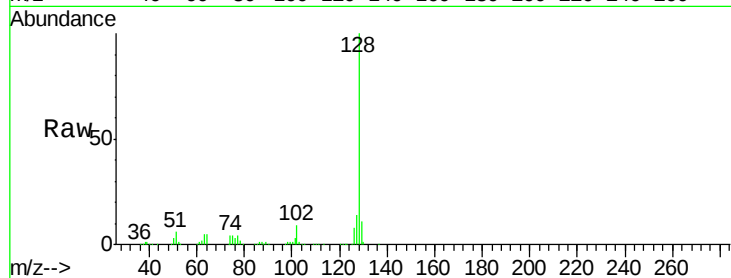
Tgt Ion:128 Resp: 926523

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

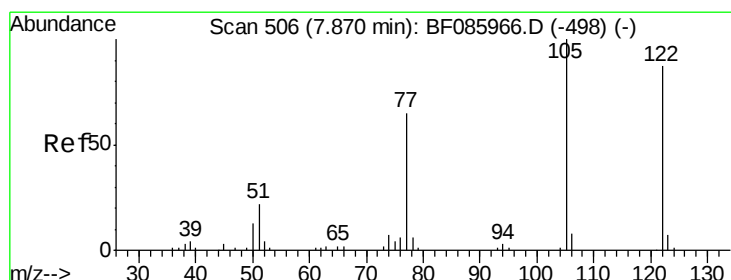
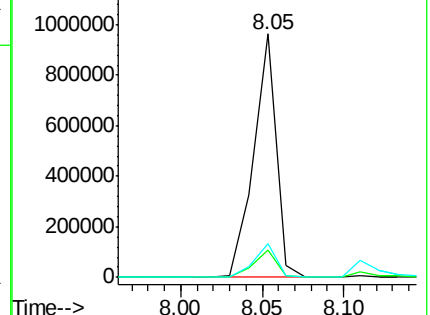
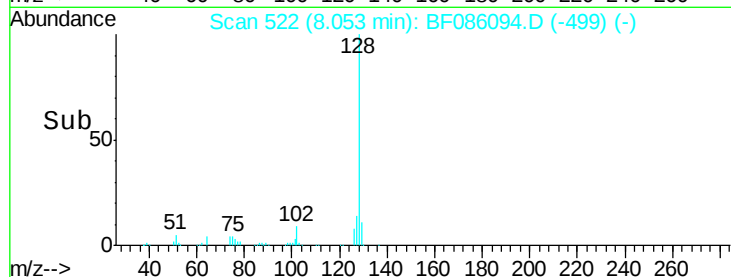
127 13.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.50 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

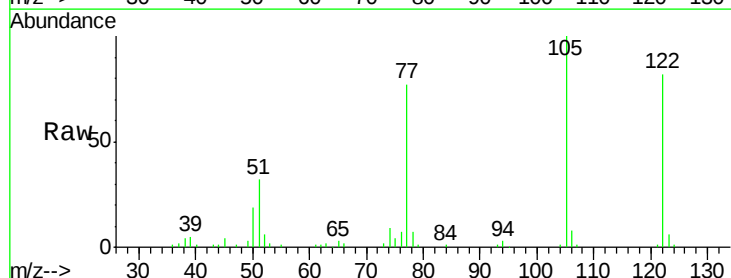
Tgt Ion:122 Resp: 191143

Ion Ratio Lower Upper

122 100

105 121.3 102.9 142.9

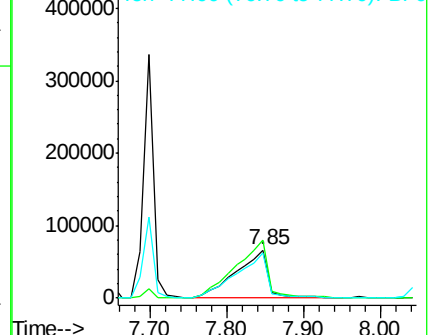
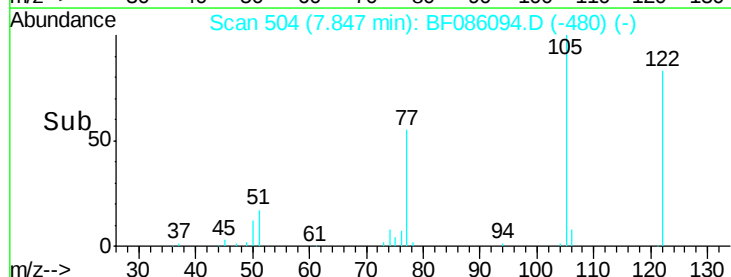
77 93.2 71.8 111.8

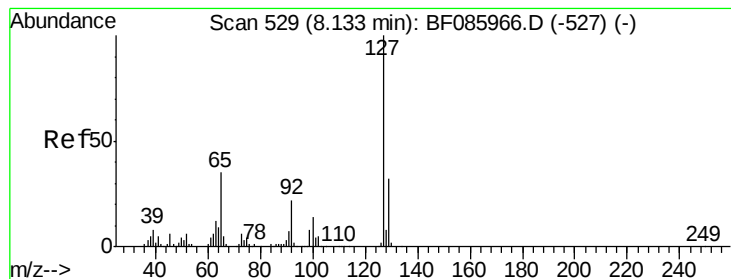


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.03 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

Tgt Ion:127 Resp: 85153

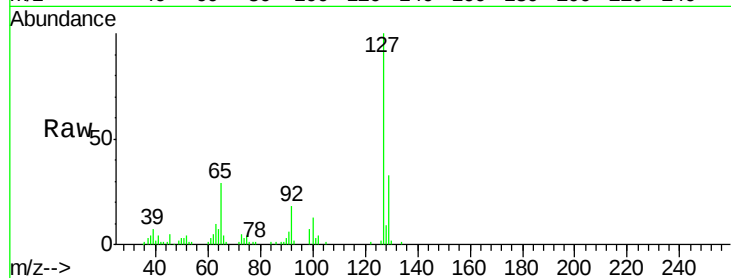
Ion Ratio Lower Upper

127 100

129 32.9 26.1 39.1

65 28.8 19.5 29.3

92 18.1 14.6 22.0

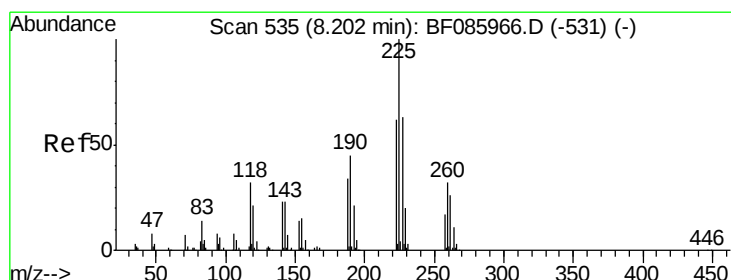
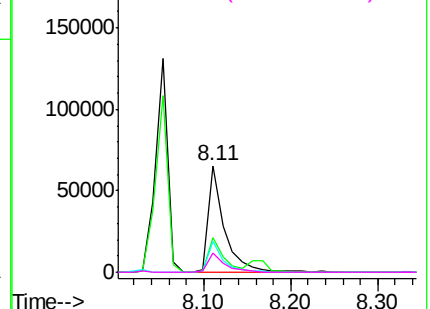
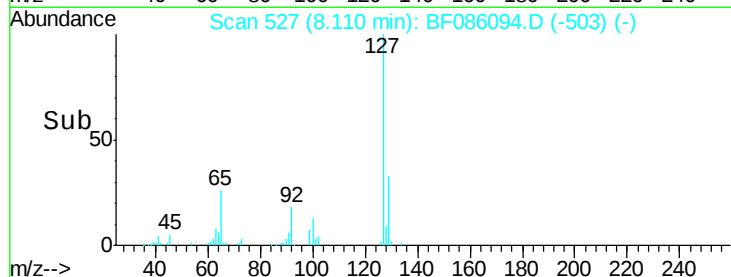


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 24.32 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

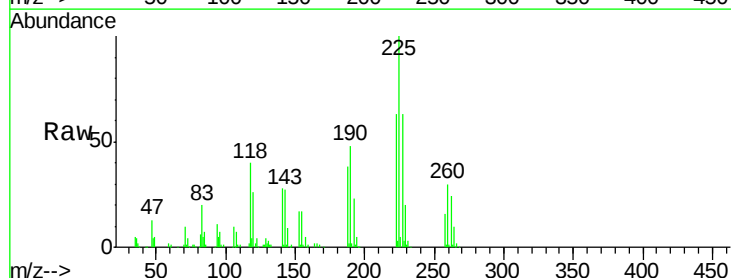
Tgt Ion:225 Resp: 137562

Ion Ratio Lower Upper

225 100

223 63.1 50.4 75.6

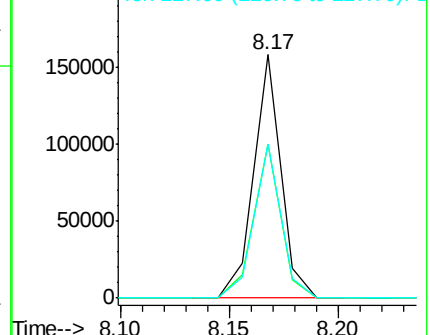
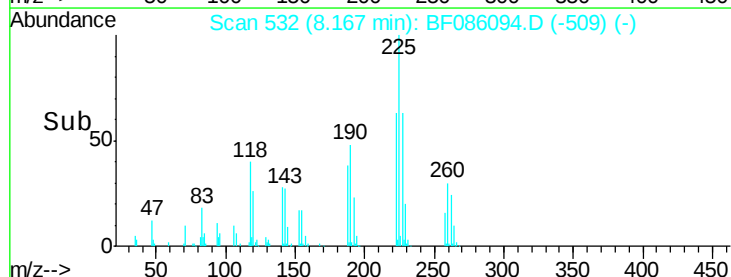
227 63.4 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

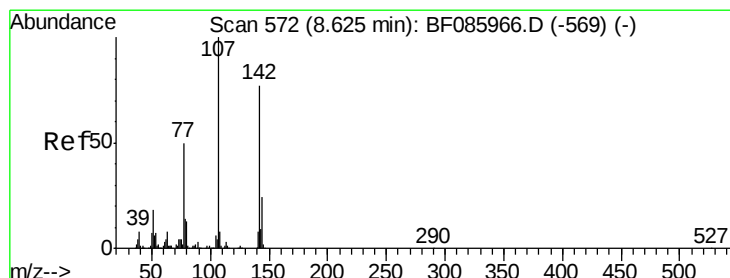
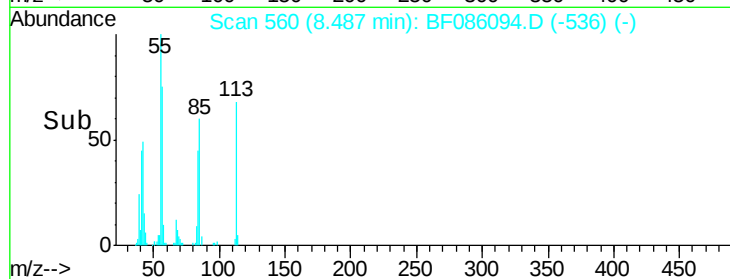
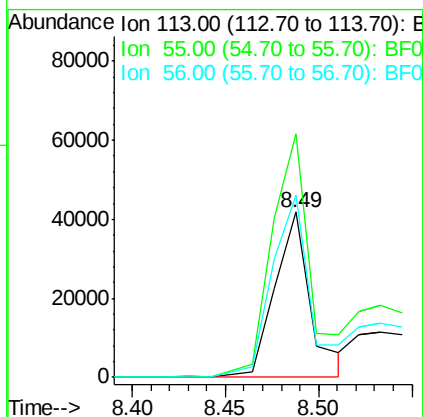
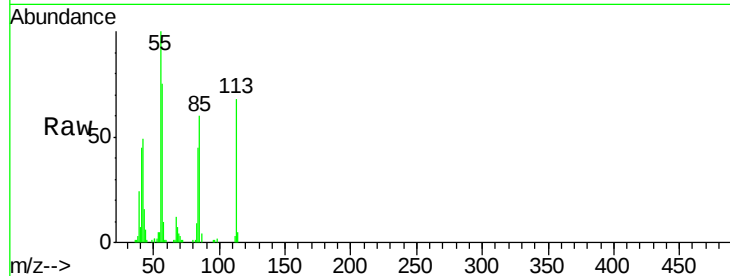




#35
 Caprolactam
 Concen: 18.58 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

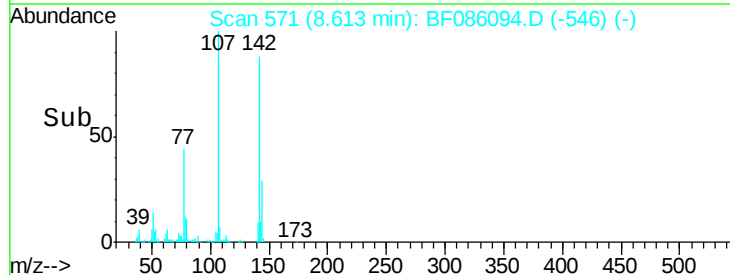
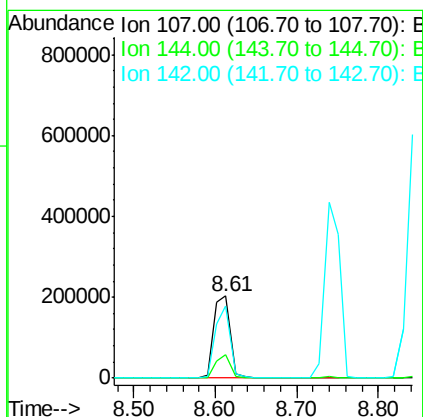
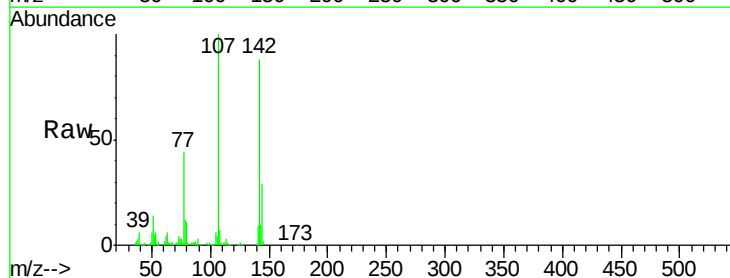
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

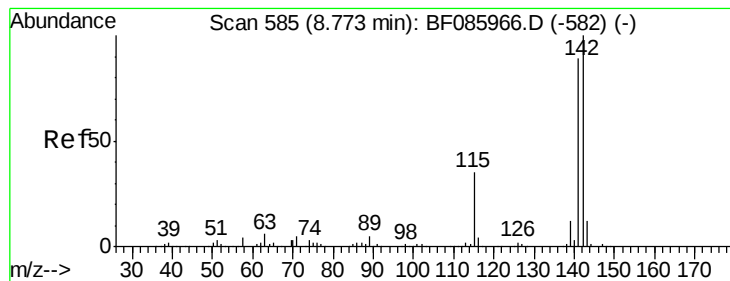
Tgt Ion:113 Resp: 55246
 Ion Ratio Lower Upper
 113 100
 55 147.6 139.4 179.4
 56 110.4 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 27.28 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:107 Resp: 287382
 Ion Ratio Lower Upper
 107 100
 144 28.8 19.3 28.9
 142 88.5 61.4 92.0





#37

2-Methylnaphthalene

Concen: 24.97 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

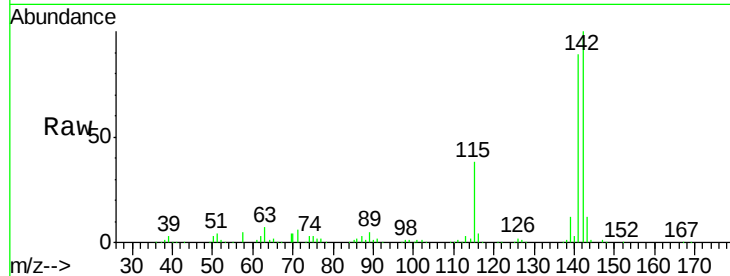
Tgt Ion:142 Resp: 570633

Ion Ratio Lower Upper

142 100

141 89.4 71.6 107.4

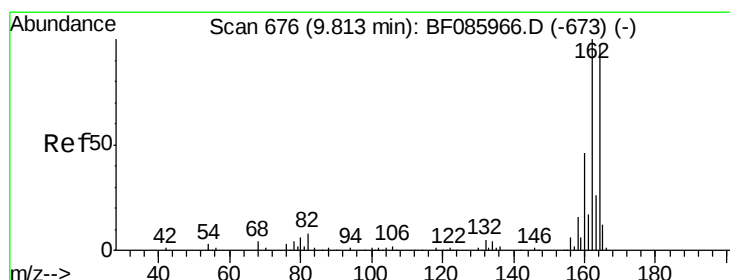
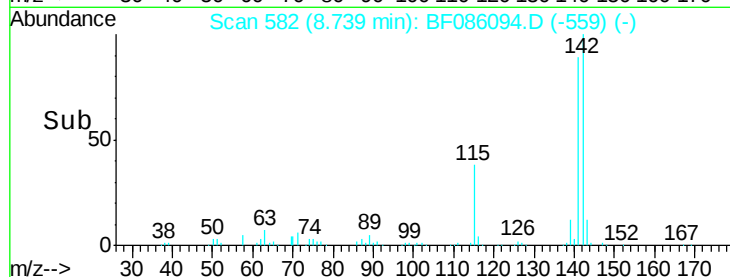
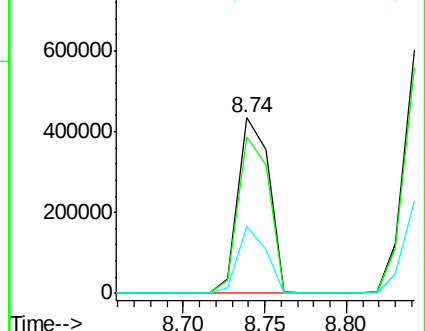
115 38.2 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

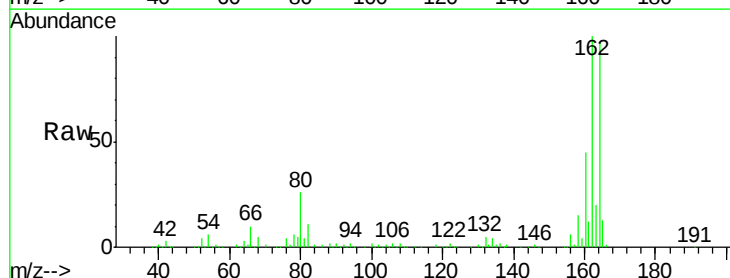
Tgt Ion:164 Resp: 312950

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

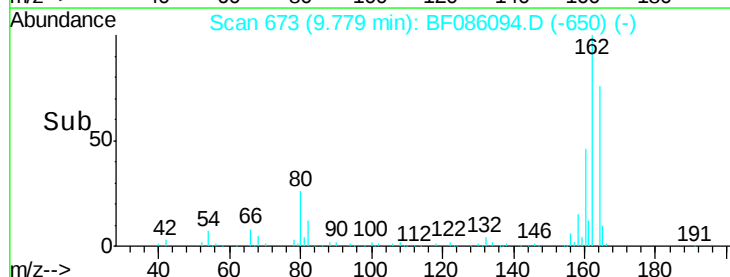
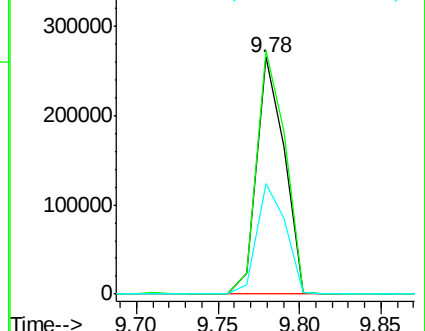
160 46.5 37.4 56.2

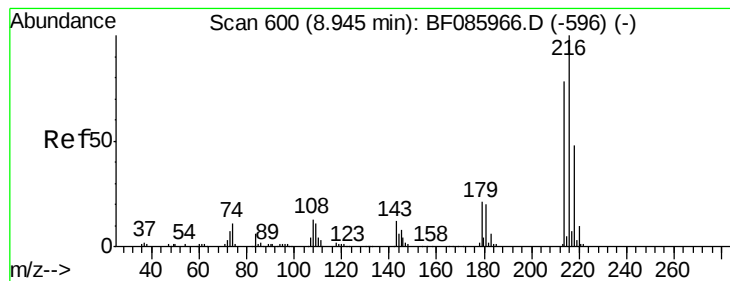


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.03 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

Tgt Ion:216 Resp: 235416

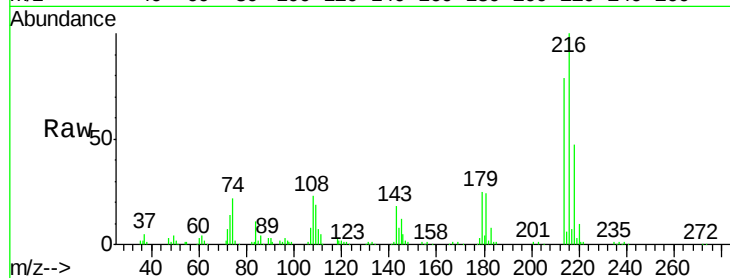
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 23.8 18.2 27.2

108 24.9 17.3 25.9

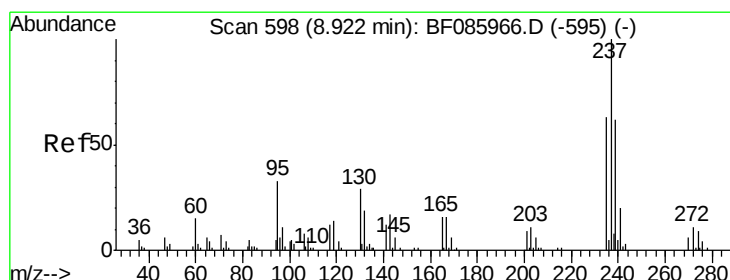
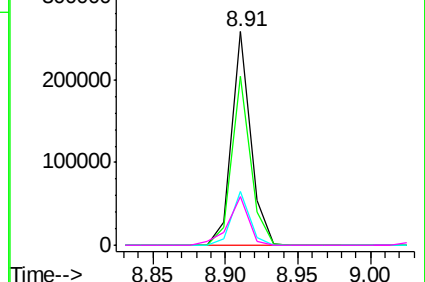
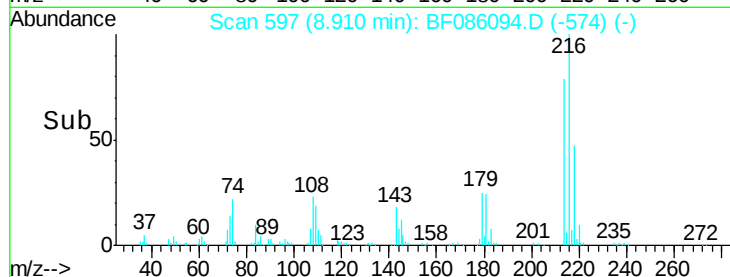


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.05 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

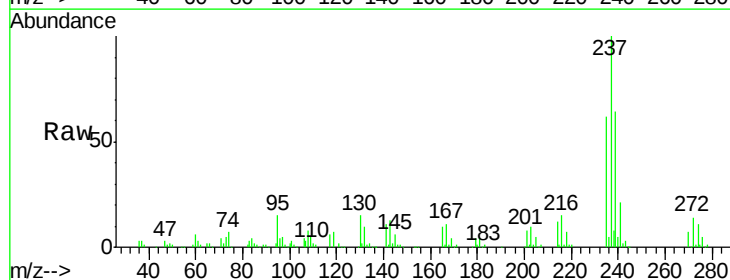
Tgt Ion:237 Resp: 182652

Ion Ratio Lower Upper

237 100

235 62.3 43.7 83.7

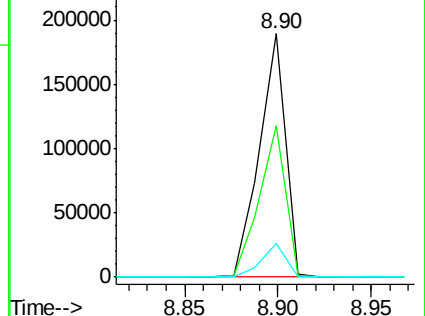
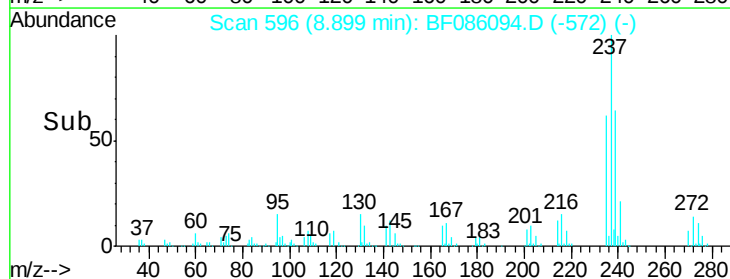
272 13.7 0.0 31.9

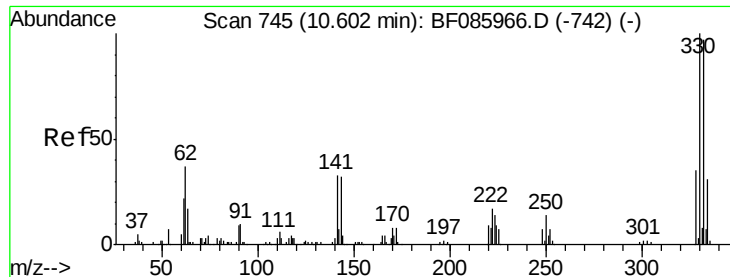


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

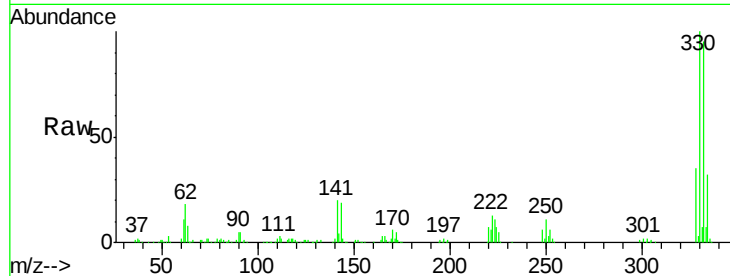




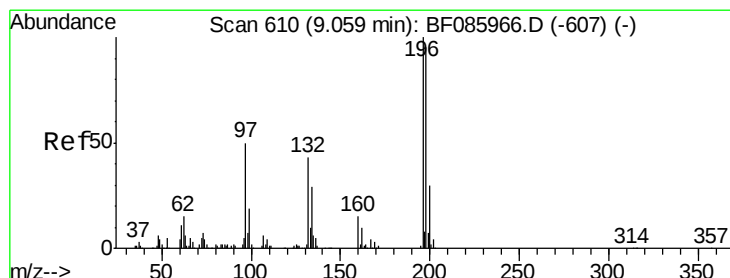
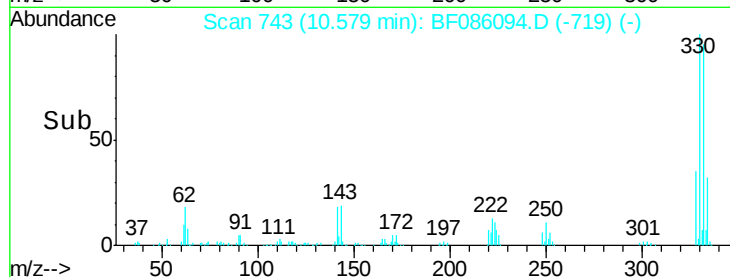
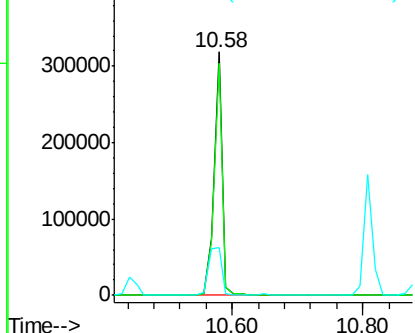
#41
 2,4,6-Tribromophenol
 Concen: 97.46 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tgt Ion:330 Resp: 286261
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.2 117.2
 141 31.5 31.5 47.3#

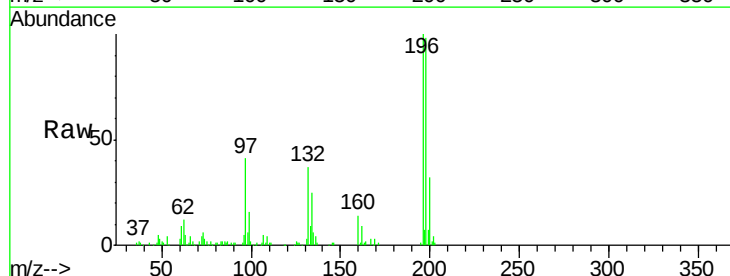


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

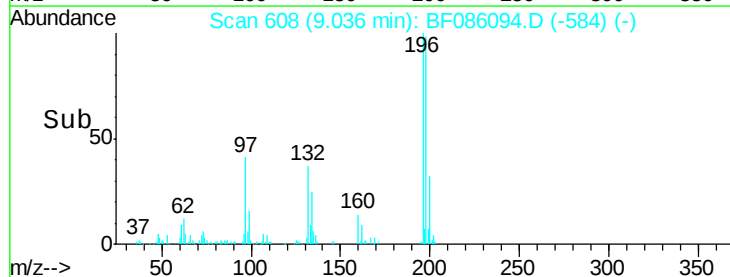
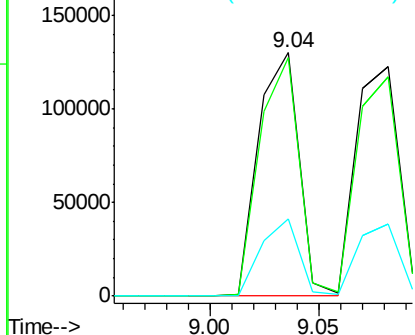


#42
 2,4,6-Trichlorophenol
 Concen: 28.05 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:196 Resp: 169416
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.3 112.9
 200 31.6 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

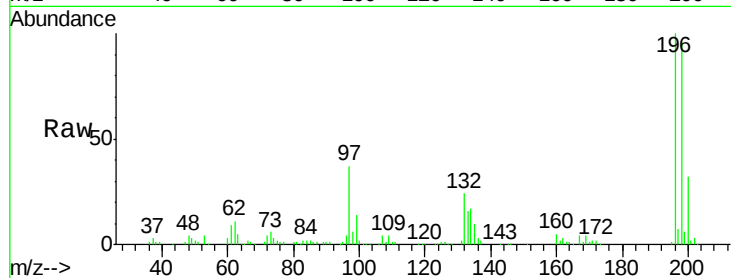




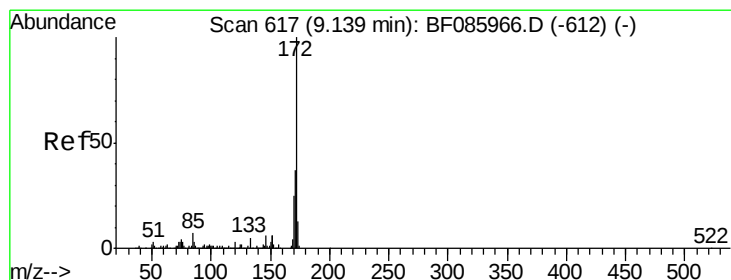
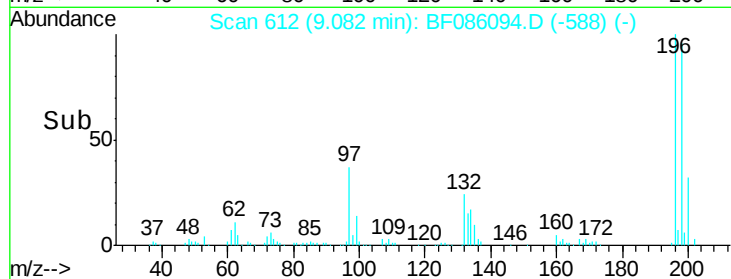
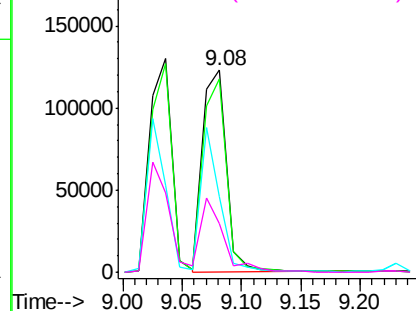
#43
 2,4,5-Trichlorophenol
 Concen: 28.28 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	114.8
97	37.4	30.5	45.7
132	24.2	20.2	30.2

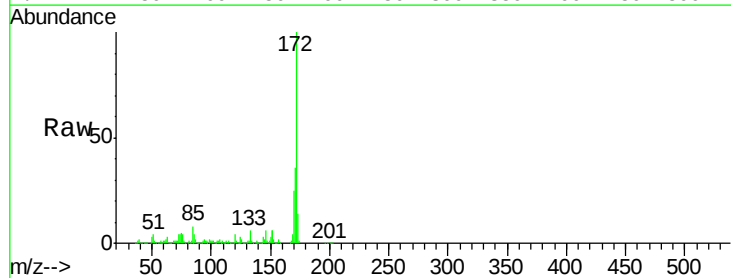


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

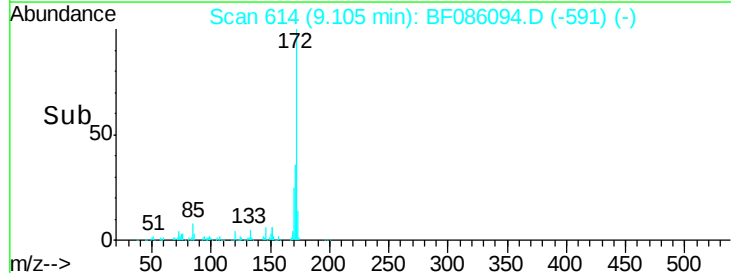
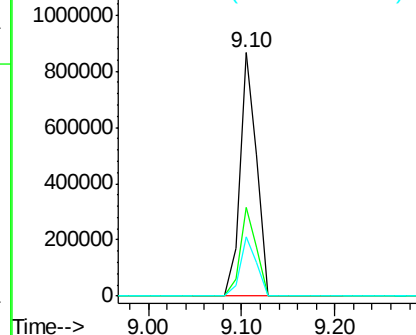


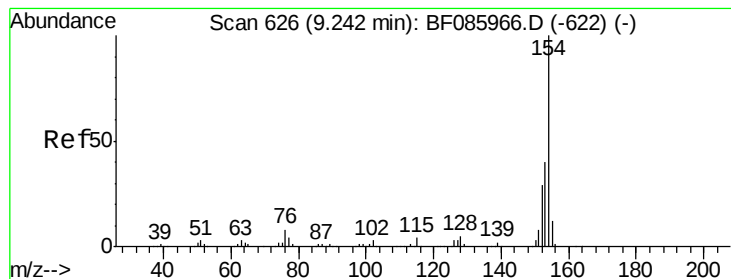
#44
 2-Fluorobiphenyl
 Concen: 56.34 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.6	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 24.97 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

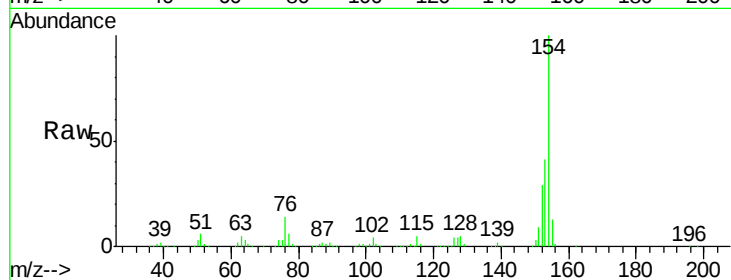
Tgt Ion:154 Resp: 673826

Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

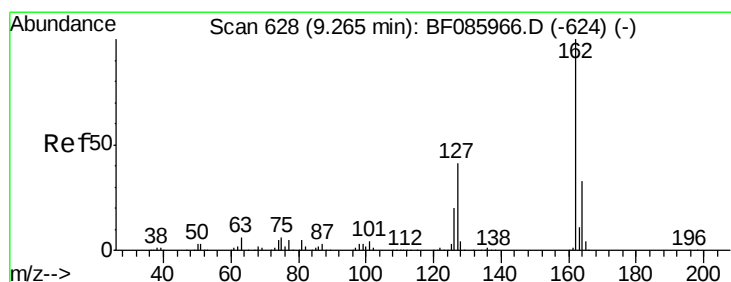
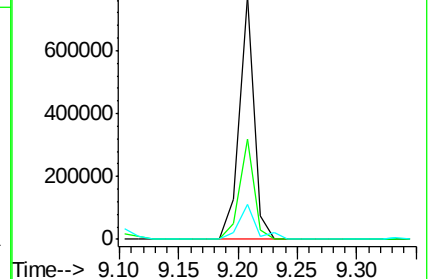
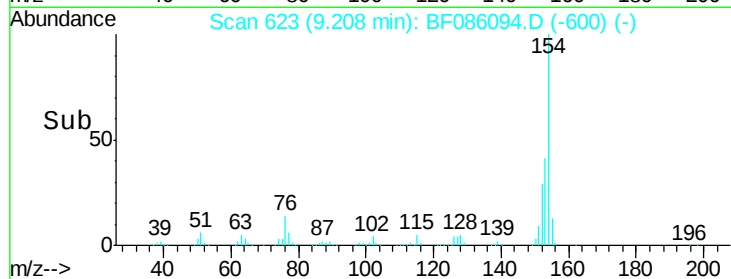
76 14.3 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.62 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

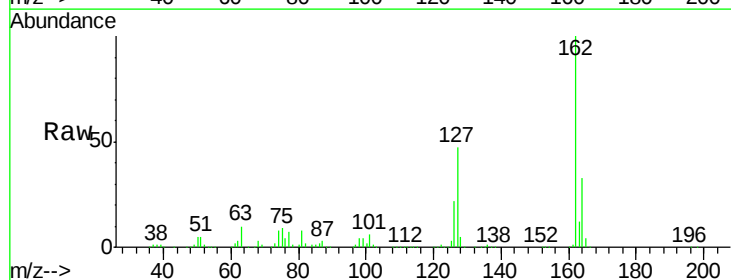
Tgt Ion:162 Resp: 501055

Ion Ratio Lower Upper

162 100

127 47.2 31.7 47.5

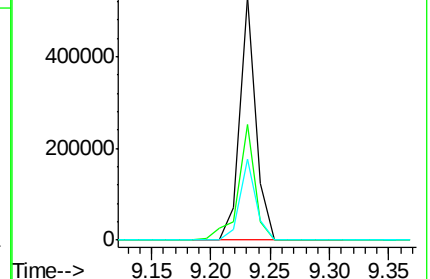
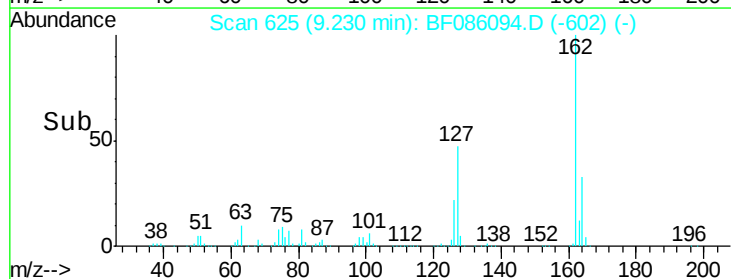
164 33.3 27.3 40.9

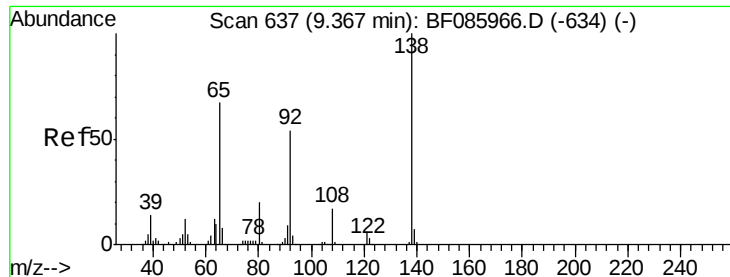


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

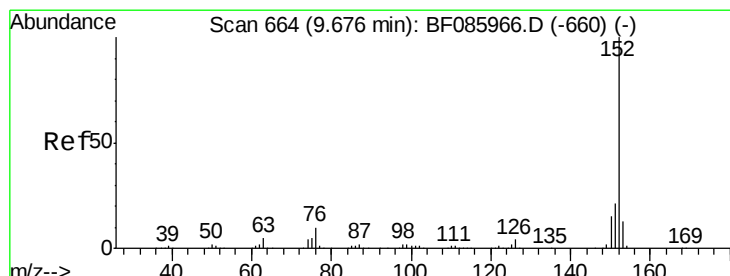
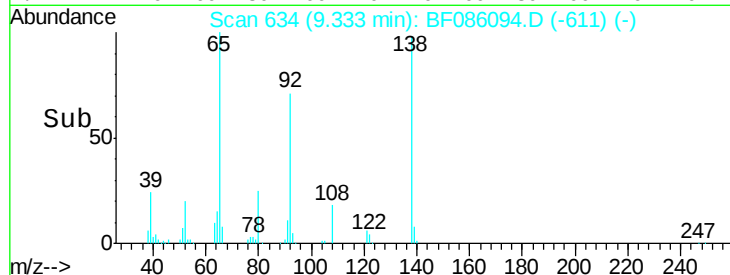
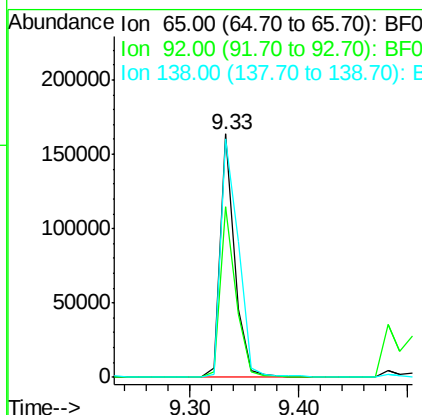
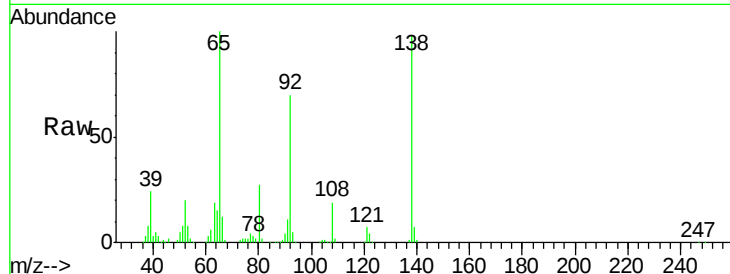




#47
 2-Nitroaniline
 Concen: 26.89 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

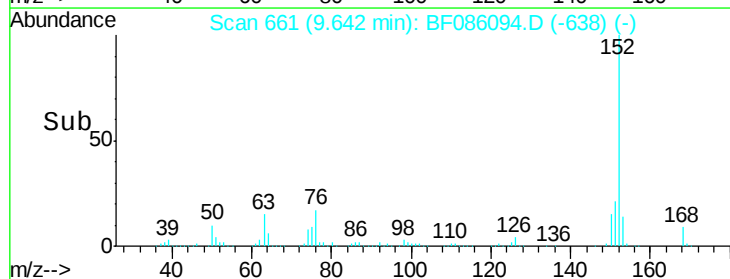
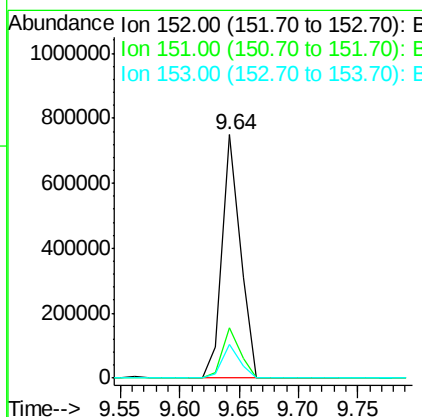
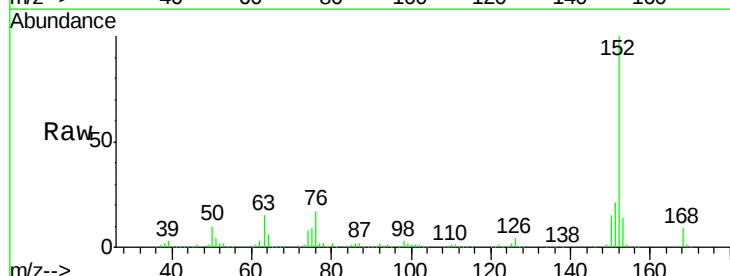
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

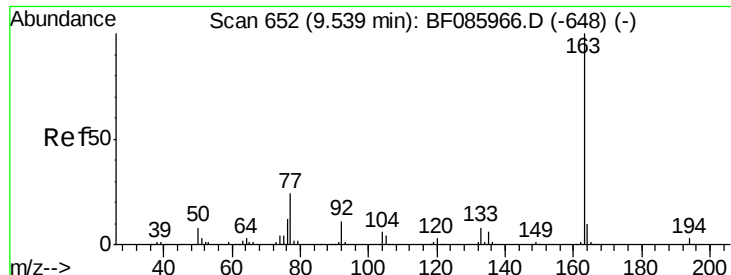
Tgt Ion:	65	Resp:	153909
Ion	Ratio	Lower	Upper
65	100		
92	70.3	59.7	89.5
138	97.7	91.4	137.0



#48
 Acenaphthylene
 Concen: 25.44 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:	152	Resp:	797195
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.6	10.9	16.3

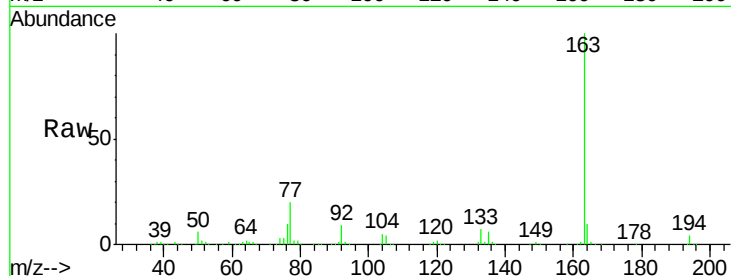




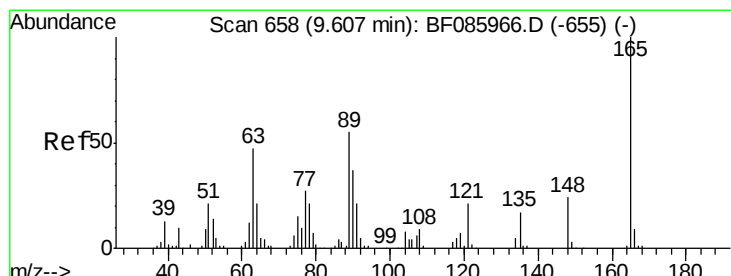
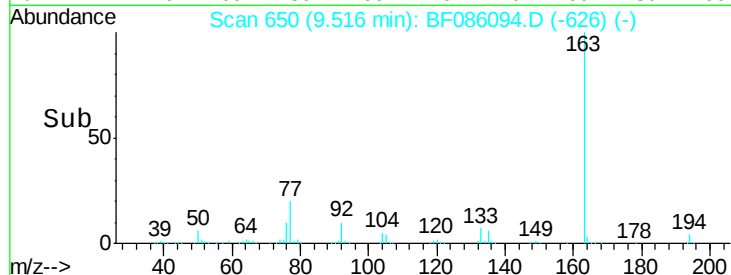
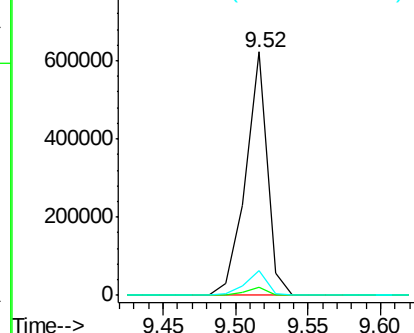
#49
Dimethylphthalate
Concen: 27.85 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tgt Ion:163 Resp: 646093
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.1 8.3 12.5

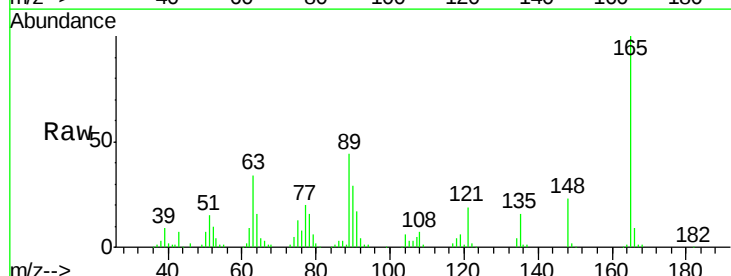


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

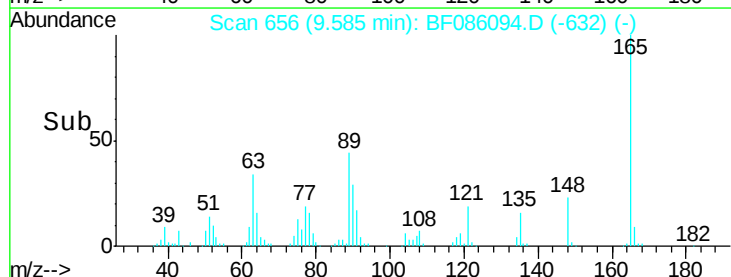
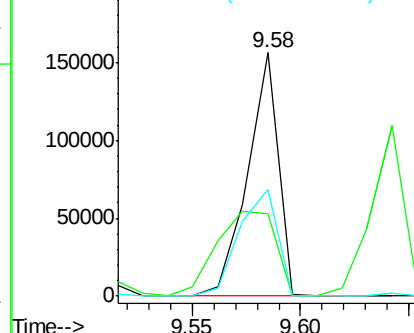


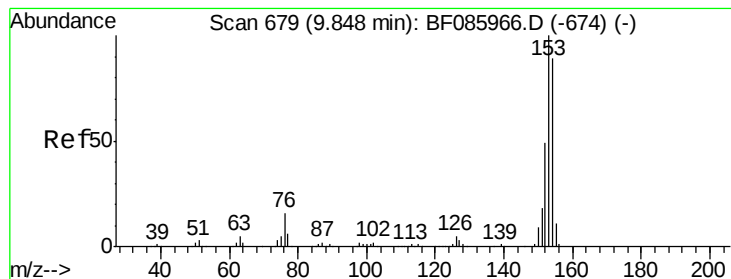
#50
2,6-Dinitrotoluene
Concen: 31.10 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:165 Resp: 152612
Ion Ratio Lower Upper
165 100
63 33.9 51.8 77.8#
89 43.6 53.7 80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.26 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

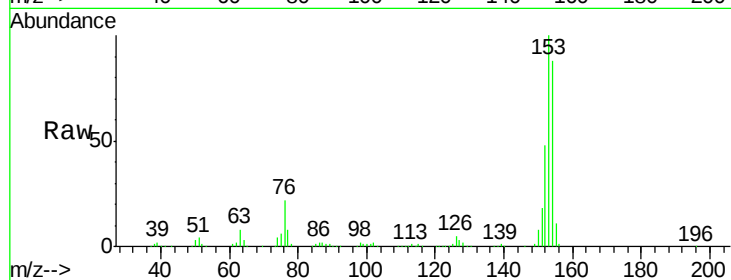
Tgt Ion:154 Resp: 470635

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

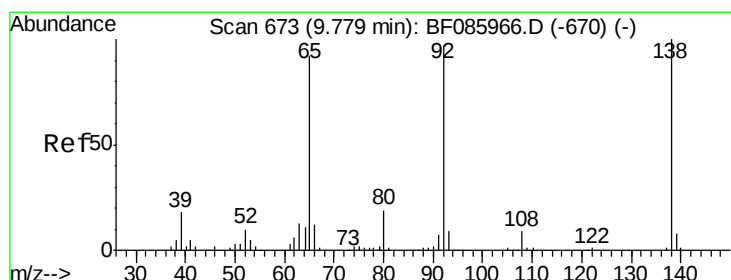
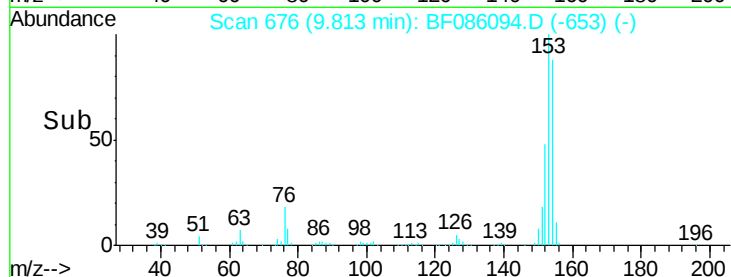
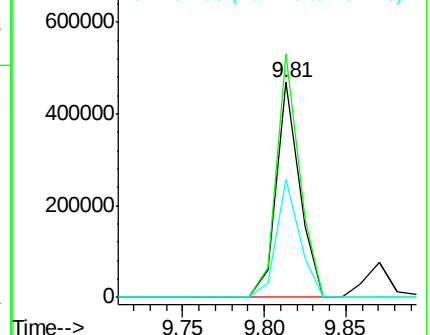
152 54.7 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.38 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

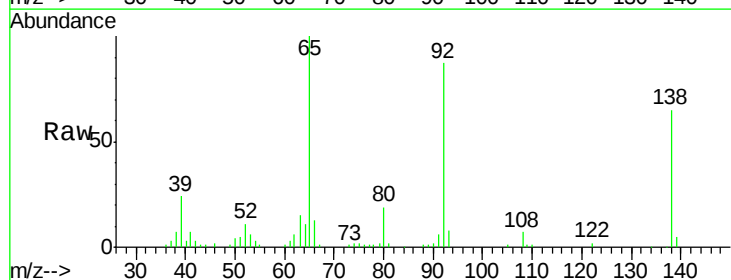
Tgt Ion:138 Resp: 61389

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

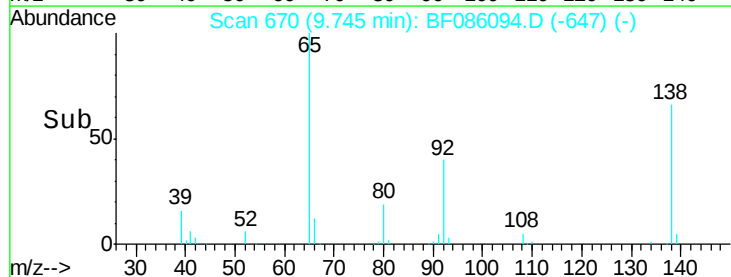
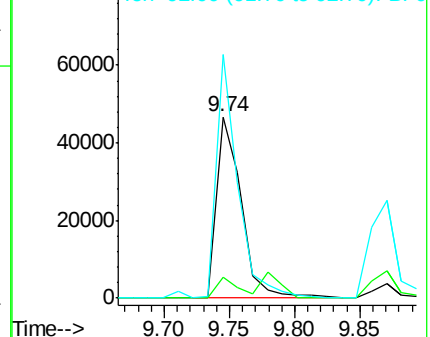
92 134.1 93.3 139.9

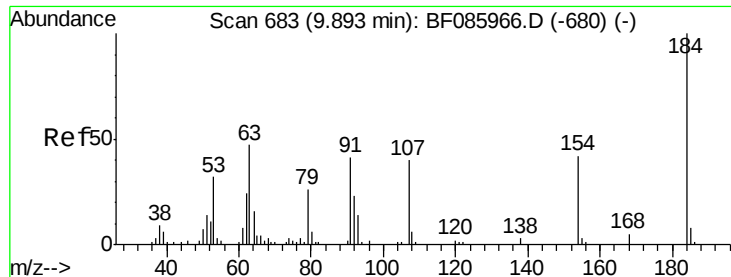


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

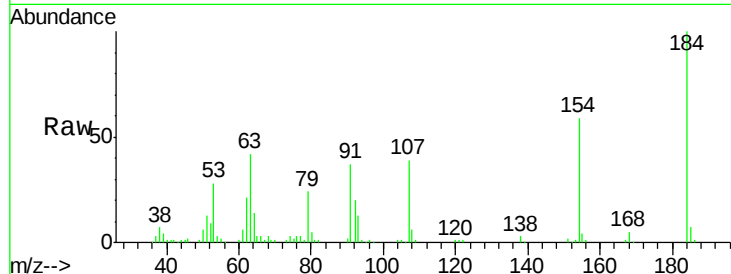




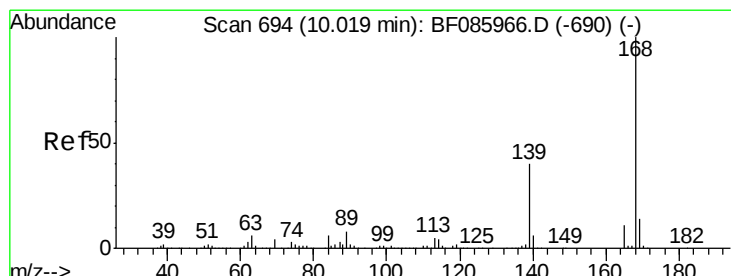
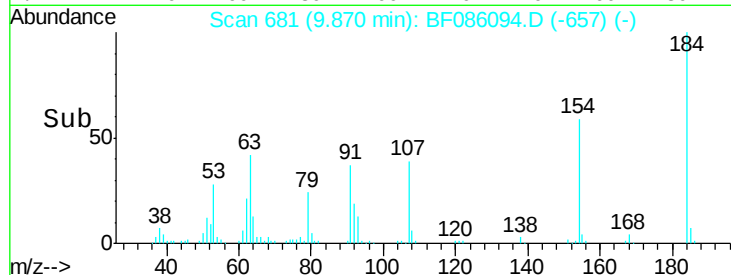
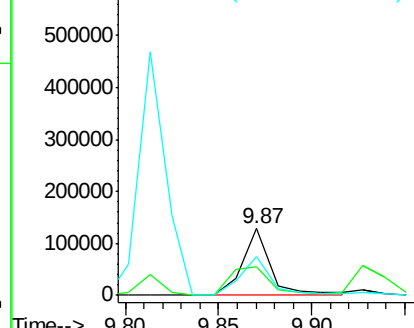
#53
2,4-Dinitrophenol
Concen: 50.68 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tgt Ion:184 Resp: 136875
Ion Ratio Lower Upper
184 100
63 42.5 69.5 104.3#
154 58.8 58.3 87.5

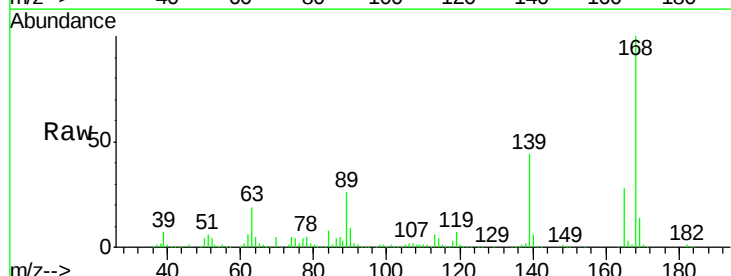


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

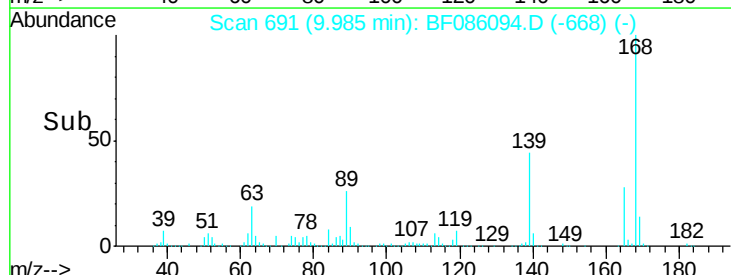
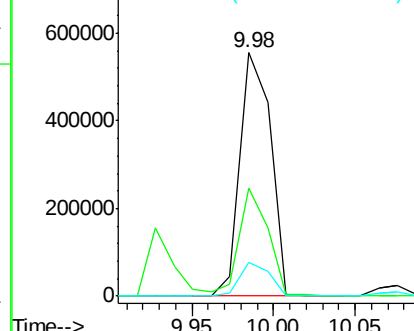


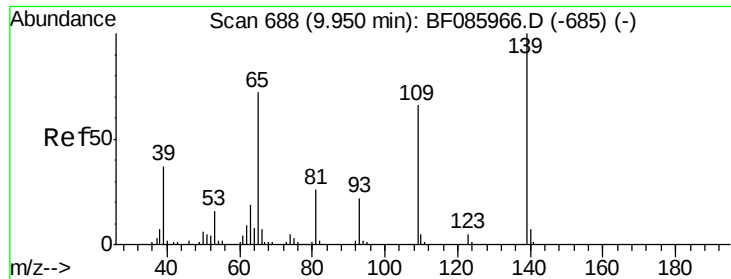
#54
Dibenzofuran
Concen: 29.26 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:168 Resp: 720199
Ion Ratio Lower Upper
168 100
139 44.1 31.9 47.9
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

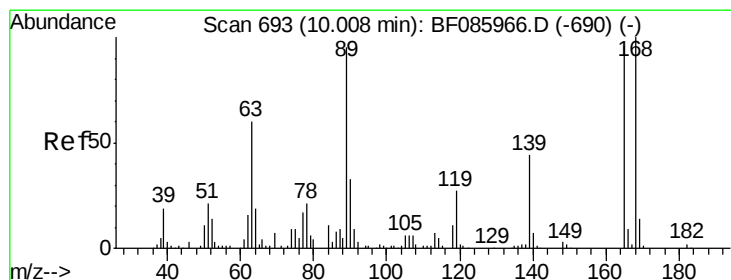
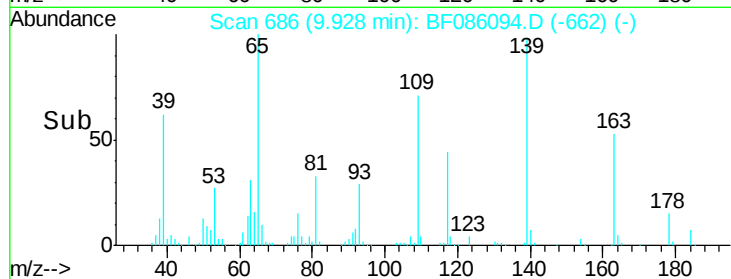
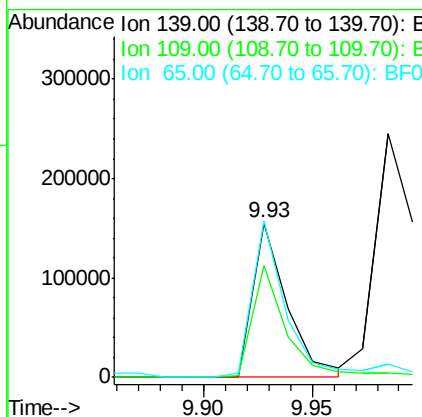
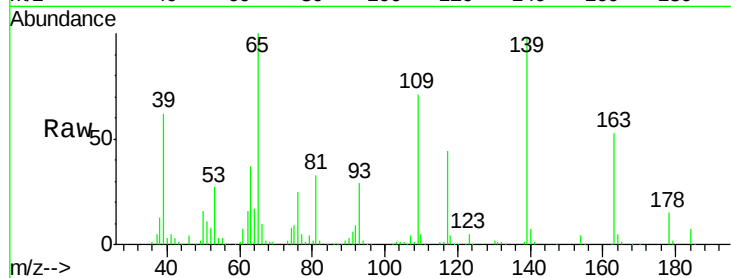




#55
4-Nitrophenol
Concen: 49.27 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

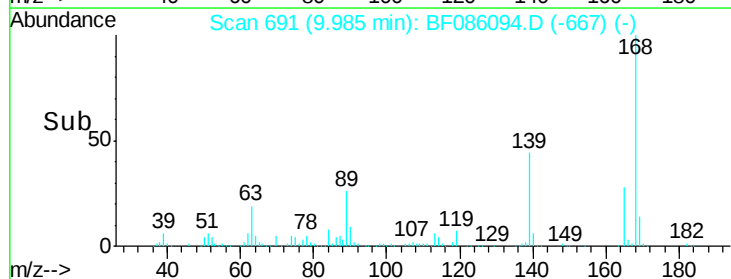
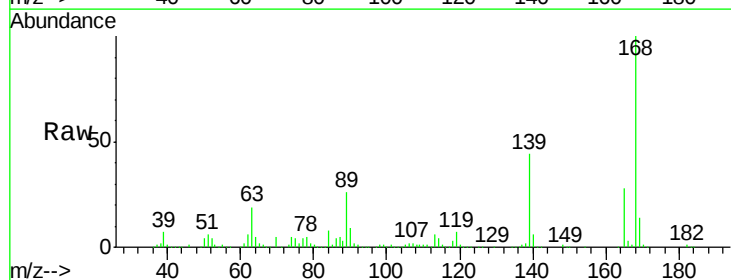
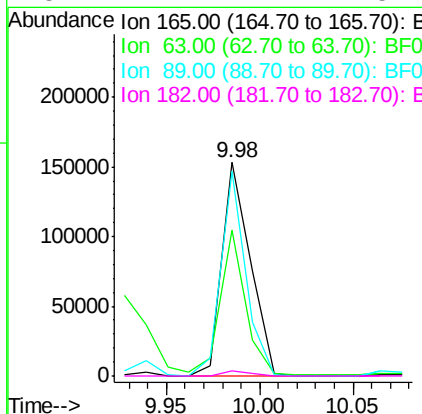
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

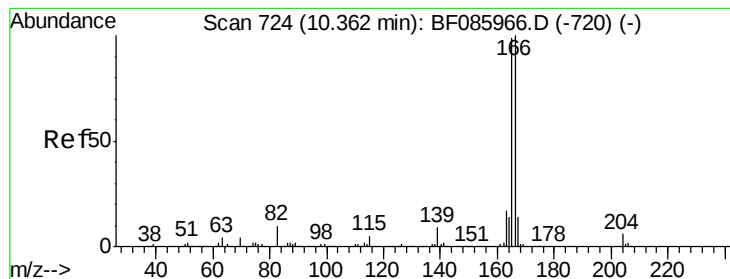
Tgt Ion:139 Resp: 171793
Ion Ratio Lower Upper
139 100
109 72.5 49.2 89.2
65 101.9 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 26.30 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:165 Resp: 163087
Ion Ratio Lower Upper
165 100
63 68.3 24.9 37.3#
89 95.9 41.0 61.6#
182 2.4 2.1 3.1





#57

Fluorene

Concen: 25.66 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

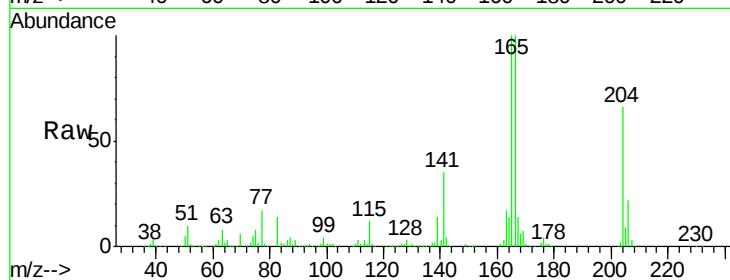
Tgt Ion:166 Resp: 539396

Ion Ratio Lower Upper

166 100

165 100.1 79.4 119.0

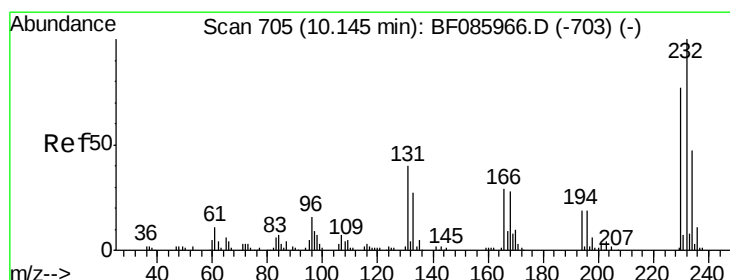
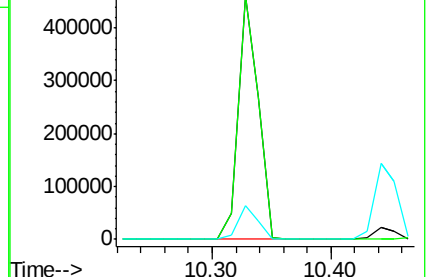
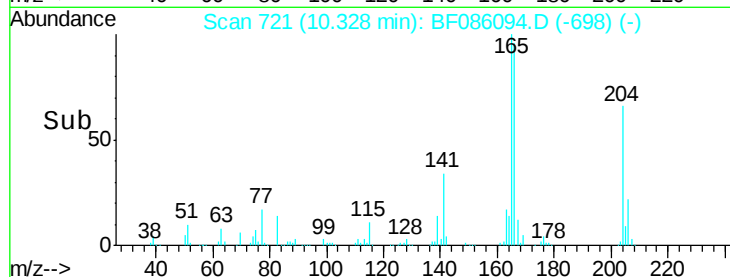
167 14.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.35 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion:232 Resp: 134028

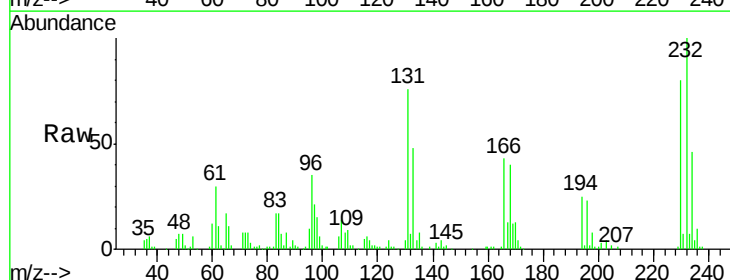
Ion Ratio Lower Upper

232 100

131 56.5 44.9 67.3

130 2.5 2.3 3.5

166 32.6 28.1 42.1

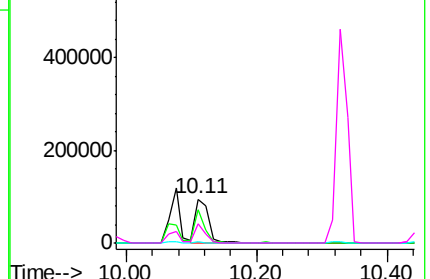
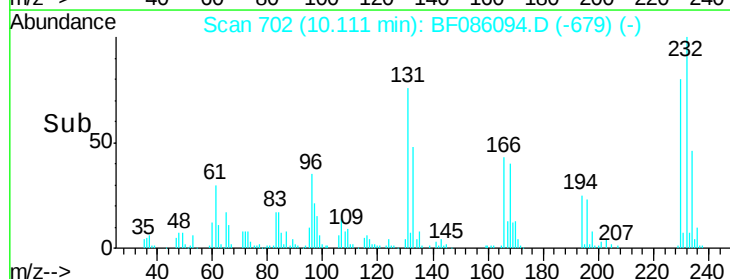


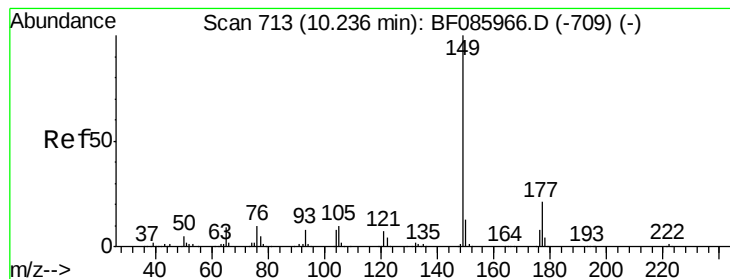
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 28.07 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

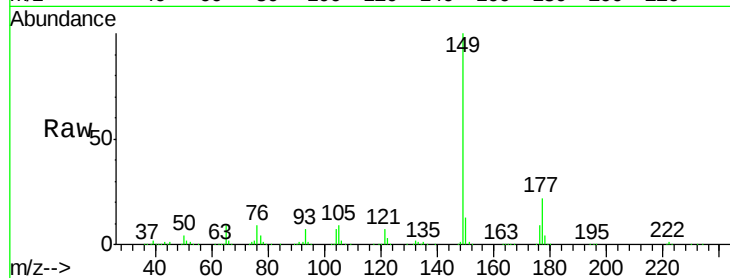
Tgt Ion:149 Resp: 657202

Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

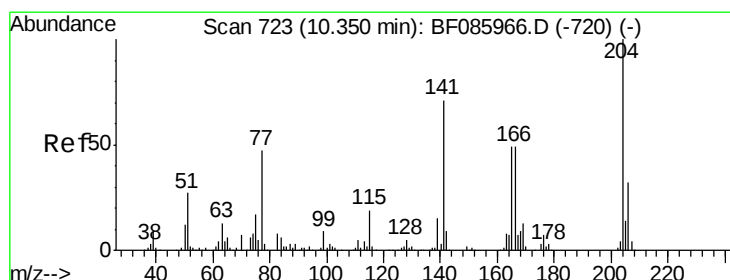
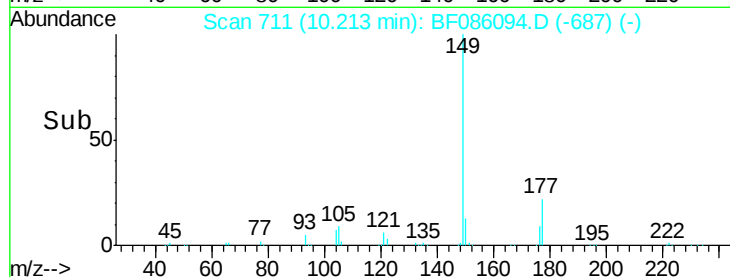
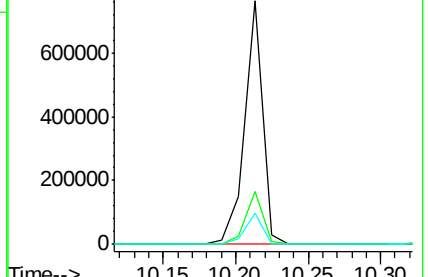
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.34 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

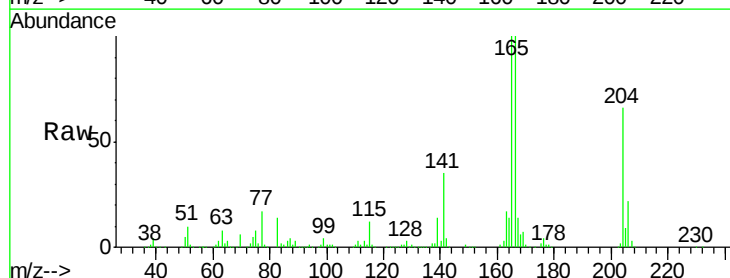
Tgt Ion:204 Resp: 287356

Ion Ratio Lower Upper

204 100

206 33.6 26.6 39.8

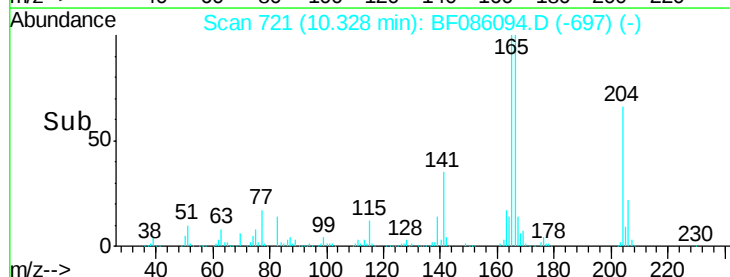
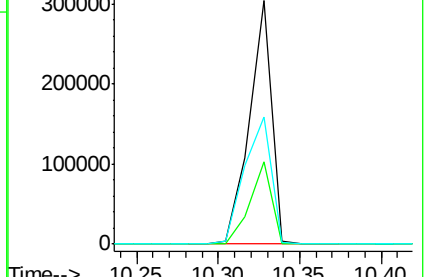
141 52.2 57.4 86.0#

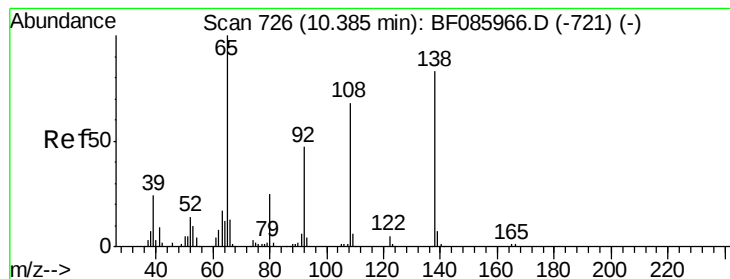


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.91 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

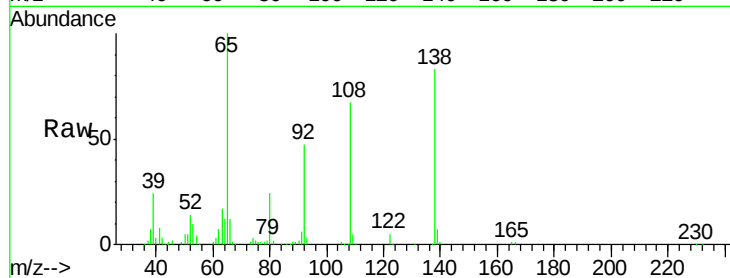
Tgt Ion:138 Resp: 156731

Ion Ratio Lower Upper

138 100

92 56.8 26.4 66.4

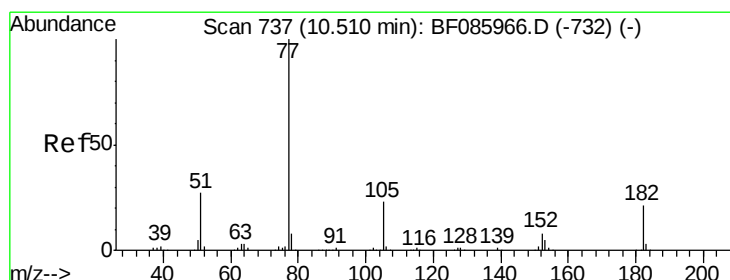
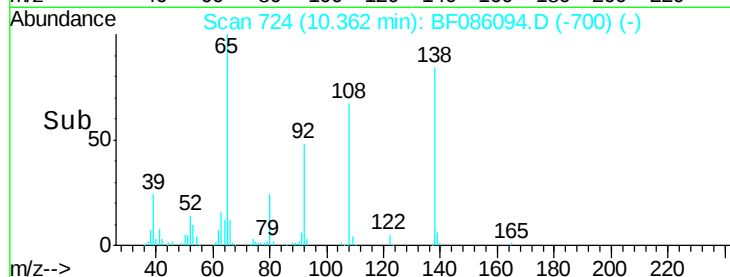
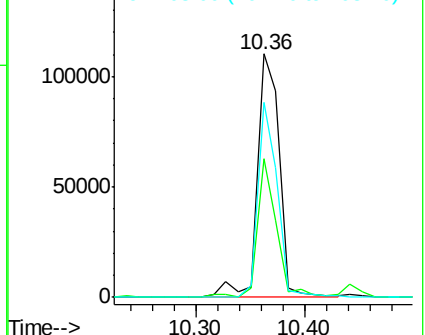
108 80.3 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.69 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Tgt Ion: 77 Resp: 710544

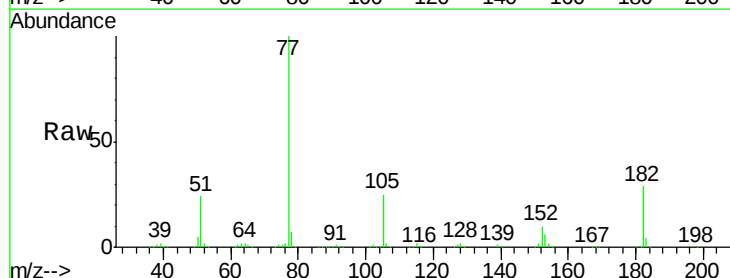
Ion Ratio Lower Upper

77 100

182 29.1 1.9 41.9

105 25.4 3.5 43.5

51 23.8 6.3 46.3

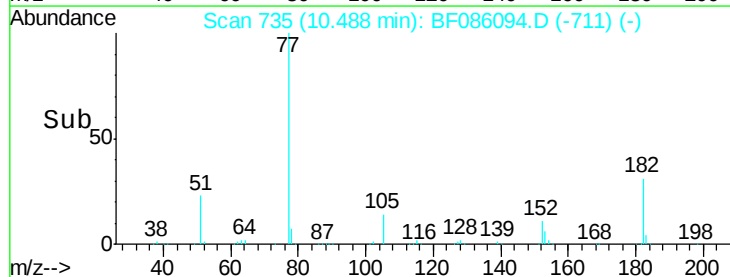
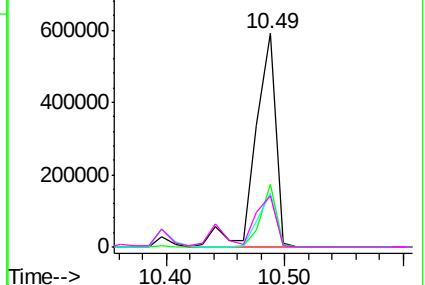


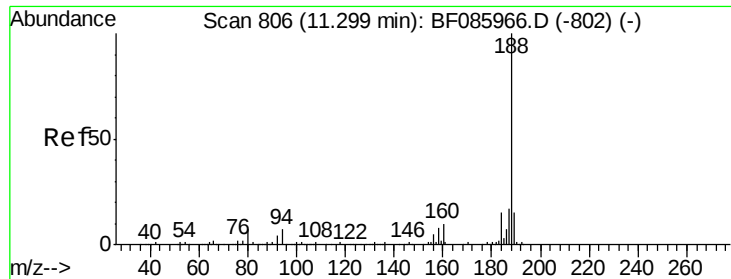
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

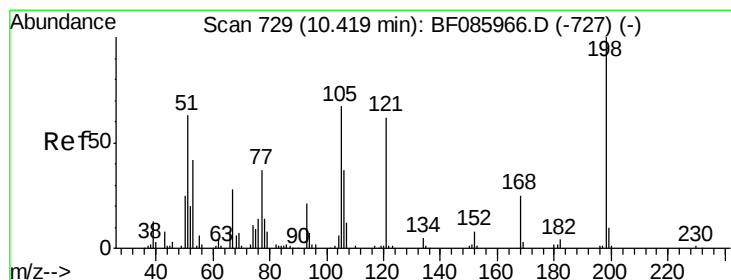
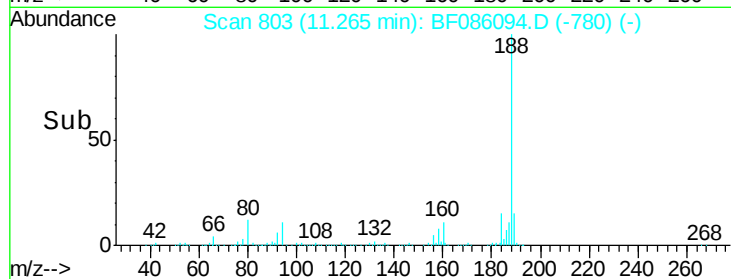
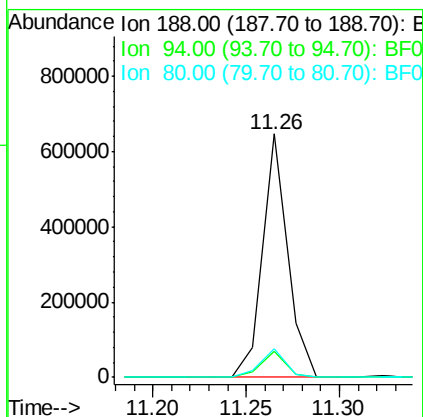
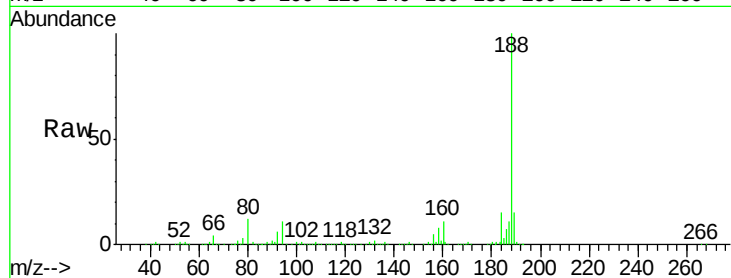




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

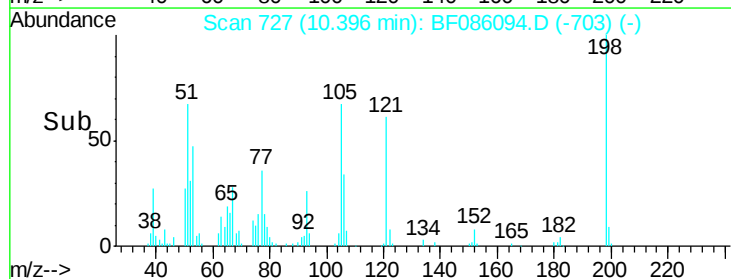
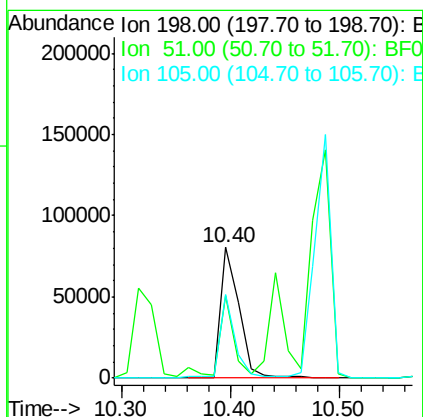
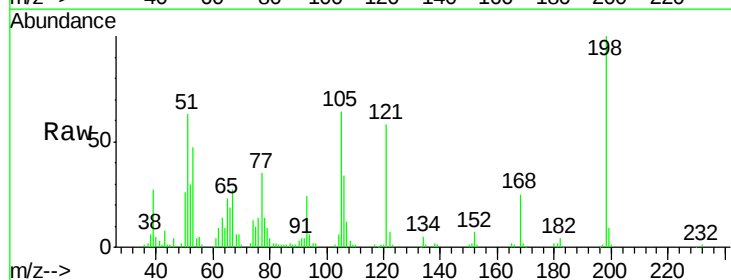
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

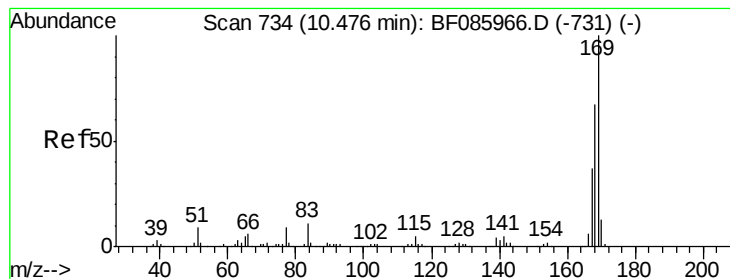
Tgt Ion:188 Resp: 598180
Ion Ratio Lower Upper
188 100
94 10.8 5.4 8.0#
80 11.6 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.24 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:198 Resp: 95133
Ion Ratio Lower Upper
198 100
51 63.3 45.4 85.4
105 63.7 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 26.91 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

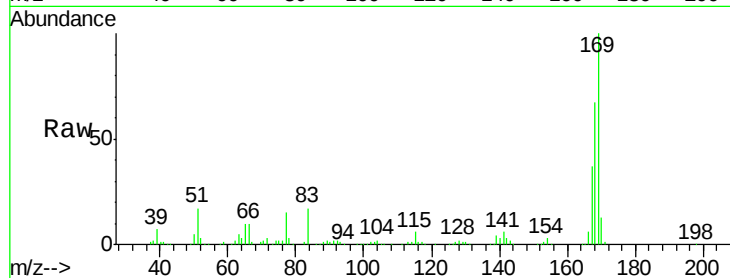
Tgt Ion:169 Resp: 503446

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

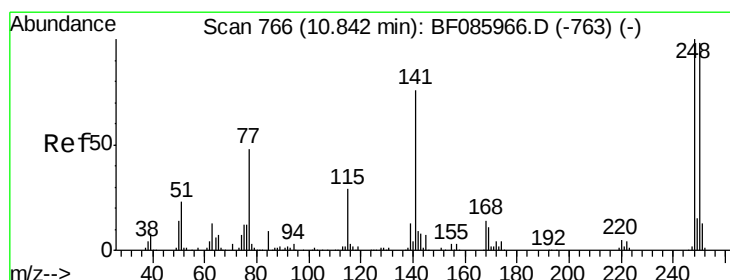
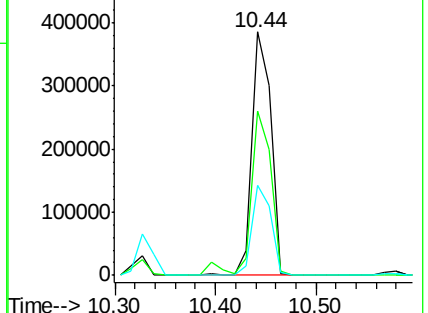
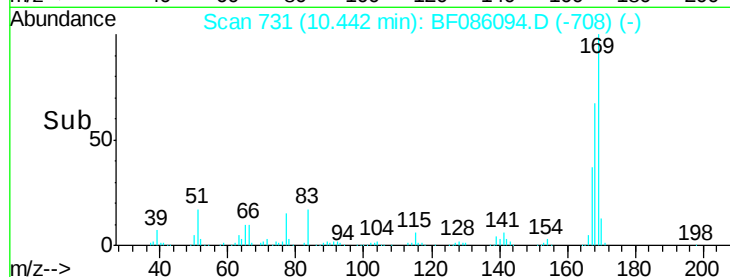
167 37.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 25.57 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

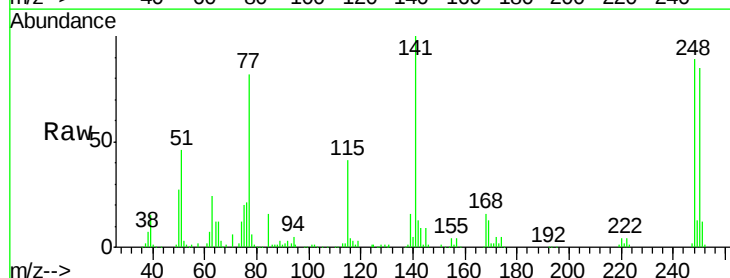
Tgt Ion:248 Resp: 156155

Ion Ratio Lower Upper

248 100

250 95.1 77.4 116.0

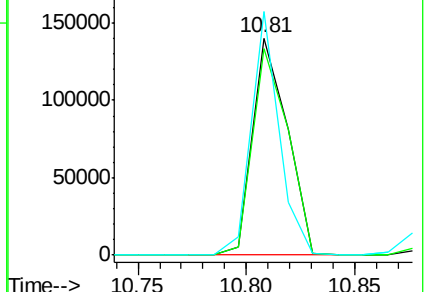
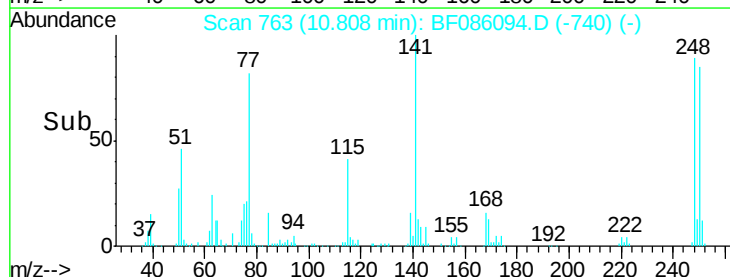
141 112.3 63.6 95.4#

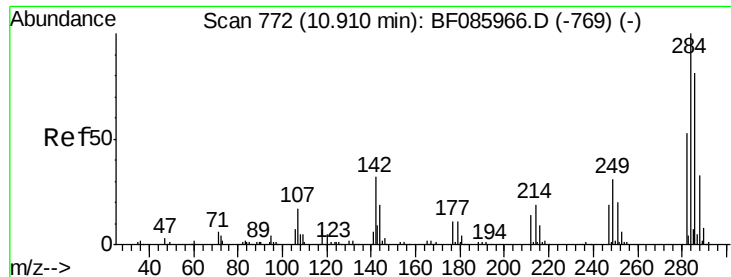


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

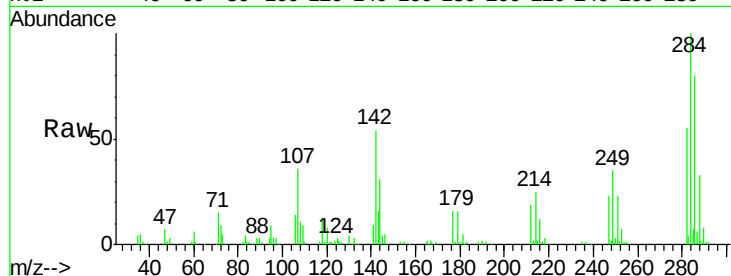




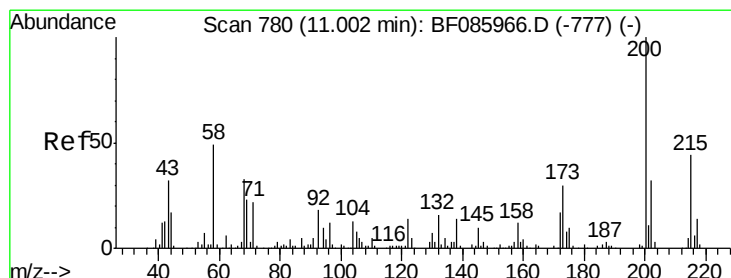
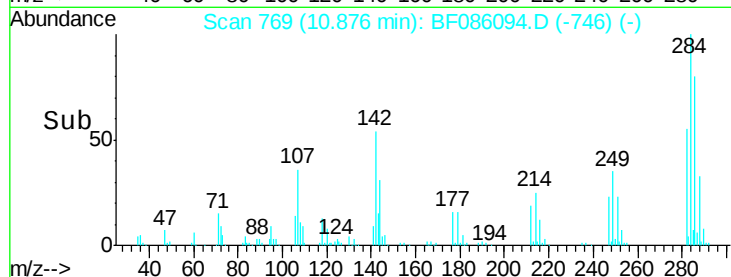
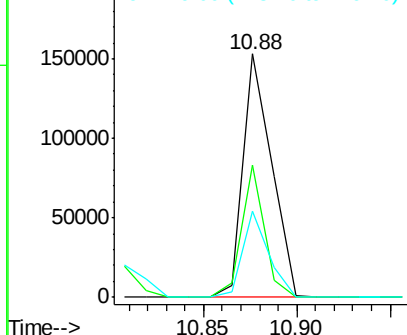
#67
Hexachlorobenzene
Concen: 25.79 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tgt Ion:284 Resp: 162887
Ion Ratio Lower Upper
284 100
142 54.3 23.1 34.7#
249 35.4 24.2 36.2

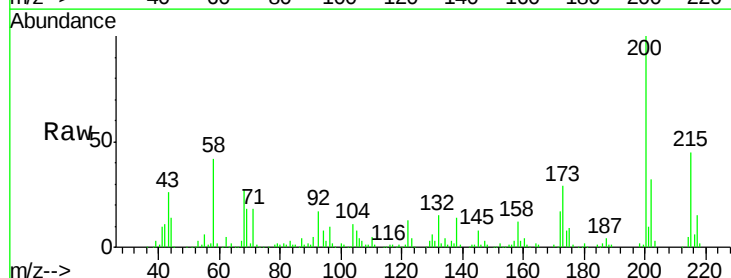


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

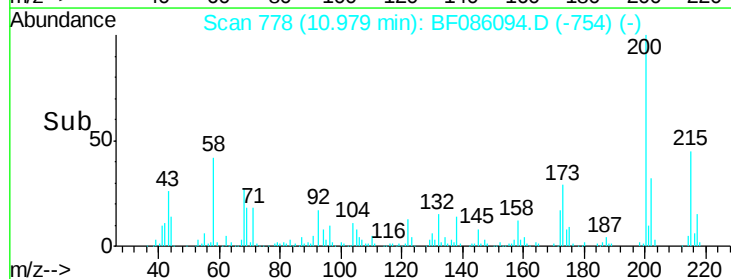
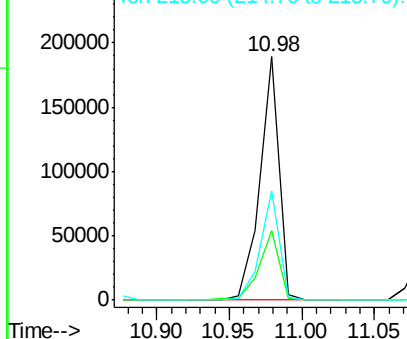


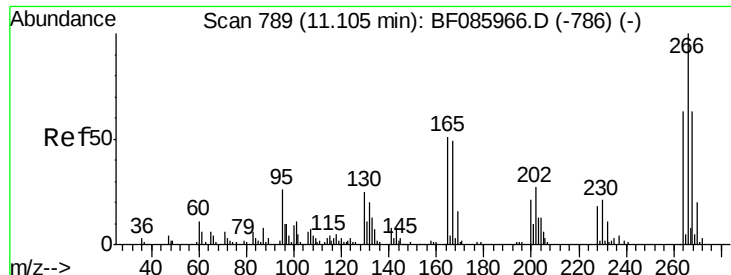
#68
Atrazine
Concen: 28.56 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:200 Resp: 172627
Ion Ratio Lower Upper
200 100
173 28.7 7.7 47.7
215 45.0 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

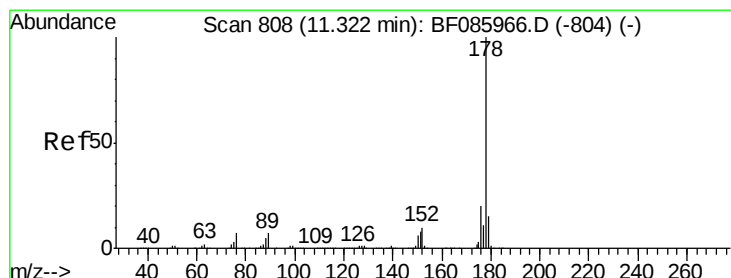
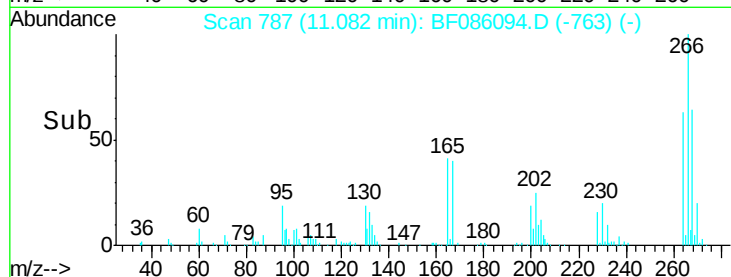
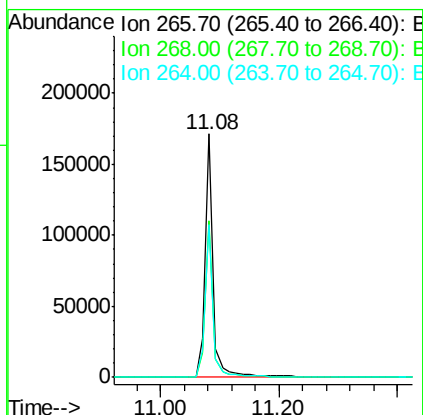
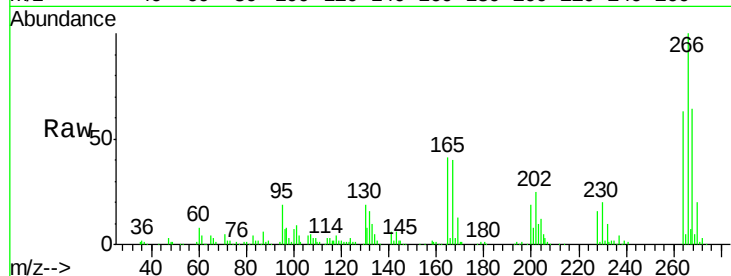




#69
 Pentachlorophenol
 Concen: 57.22 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

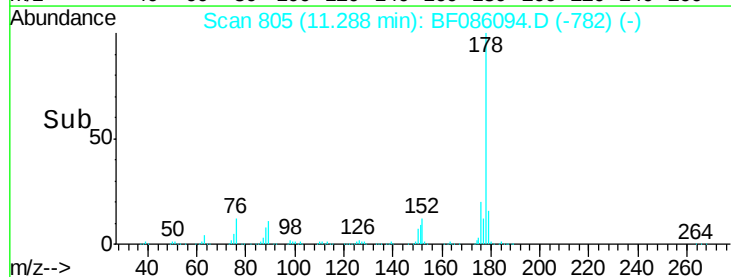
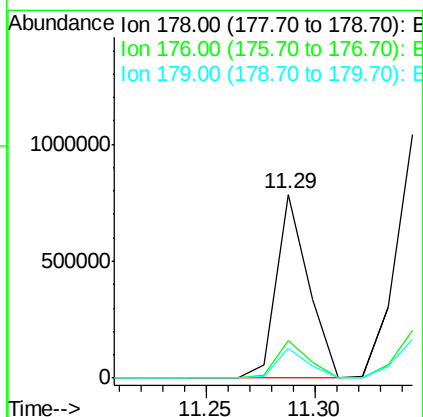
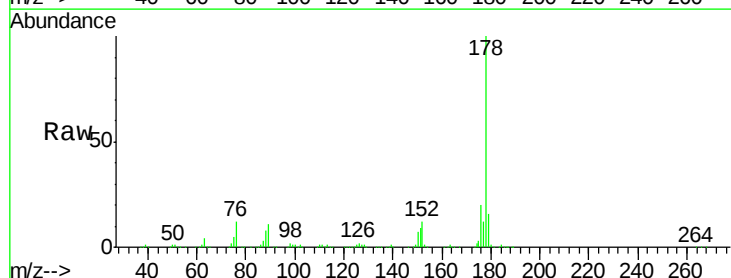
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

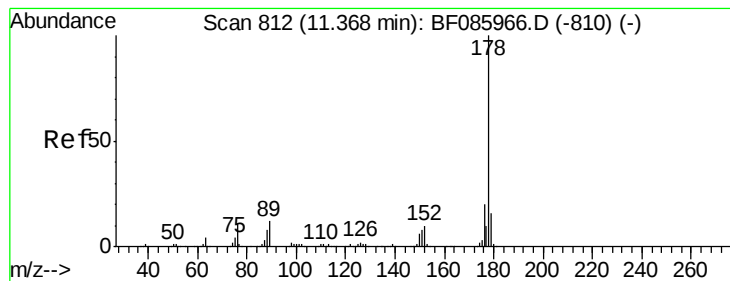
Tgt Ion:266 Resp: 169363
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 62.7 50.6 76.0



#70
 Phenanthrene
 Concen: 24.80 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:178 Resp: 809414
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 16.1 12.6 18.8





#71

Anthracene

Concen: 27.90 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

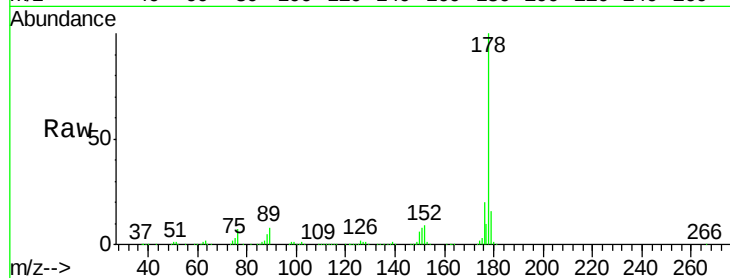
Tgt Ion:178 Resp: 953822

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

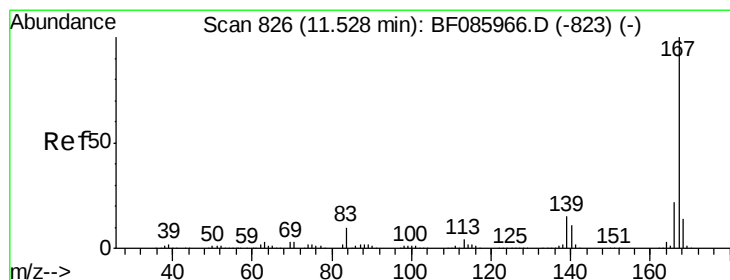
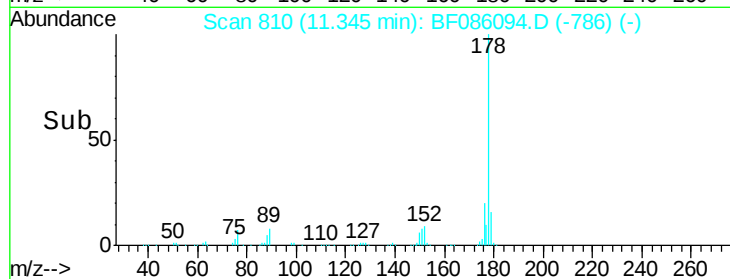
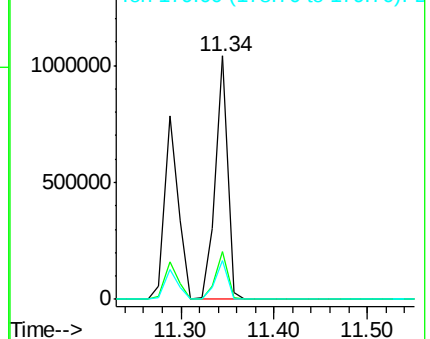
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 28.88 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

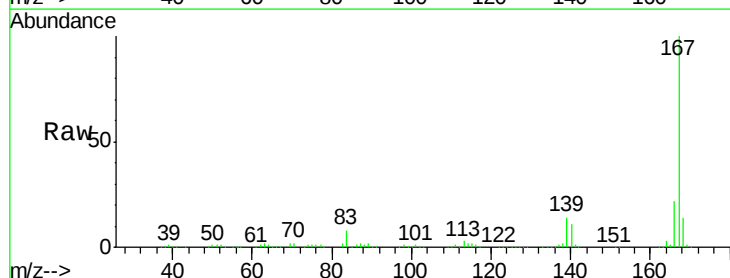
Tgt Ion:167 Resp: 848770

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

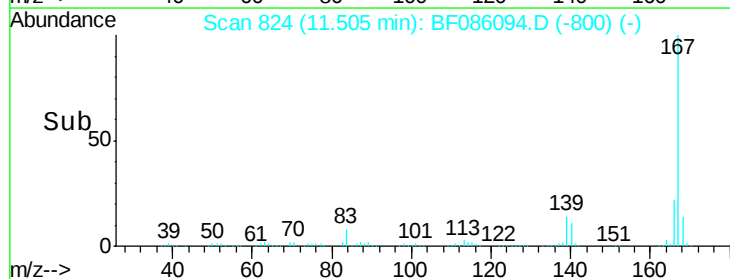
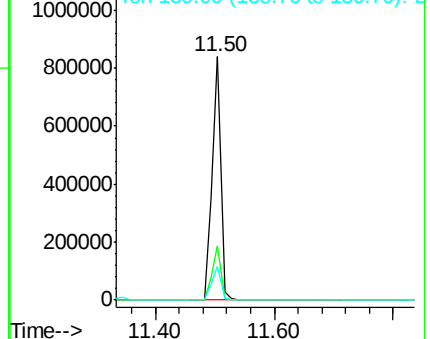
139 13.6 11.6 17.4

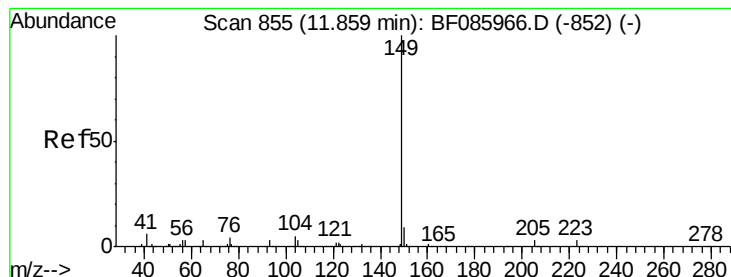


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.16 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

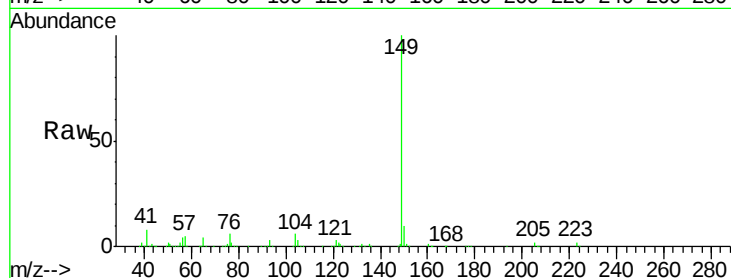
Tgt Ion:149 Resp: 988776

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

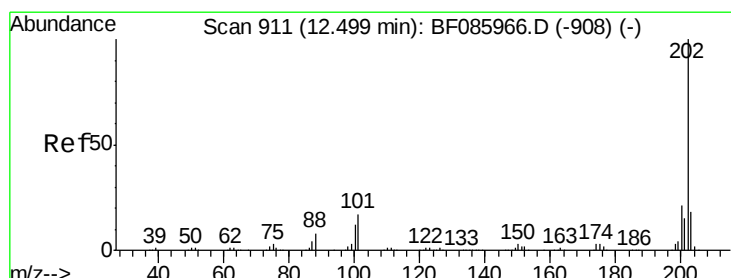
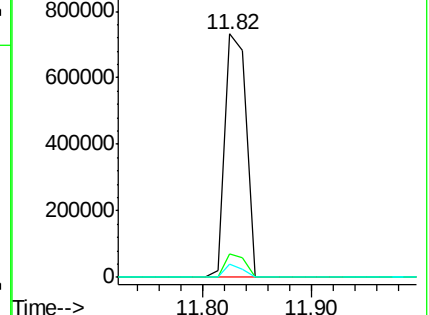
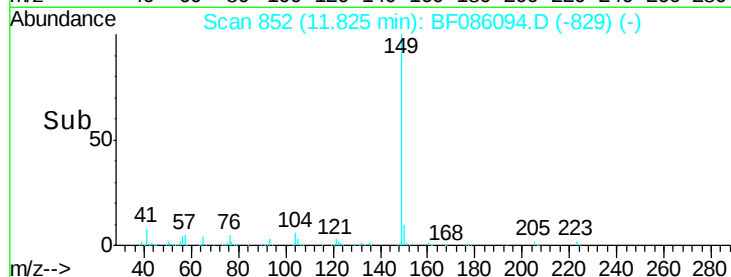
104 5.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 26.42 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

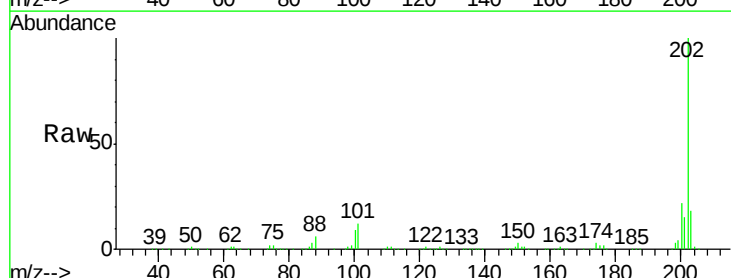
Tgt Ion:202 Resp: 896755

Ion Ratio Lower Upper

202 100

101 12.3 0.0 36.6

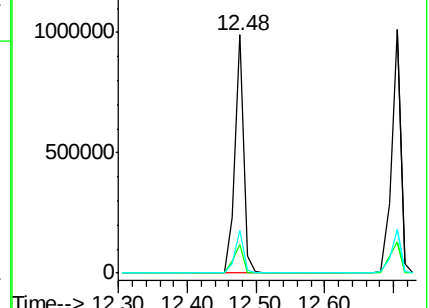
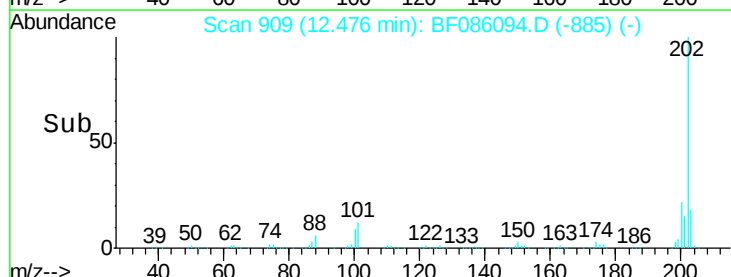
203 17.9 0.0 38.1

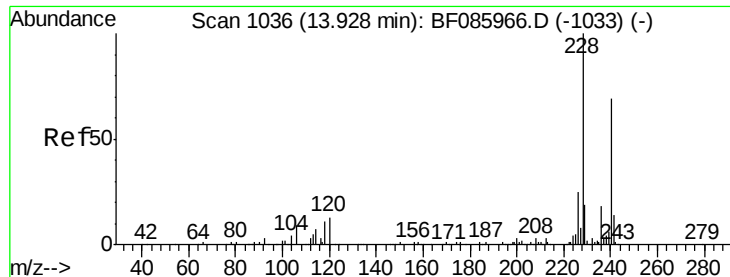


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

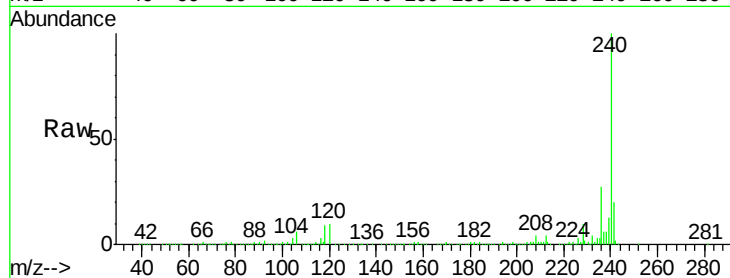
Tgt Ion:240 Resp: 472696

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

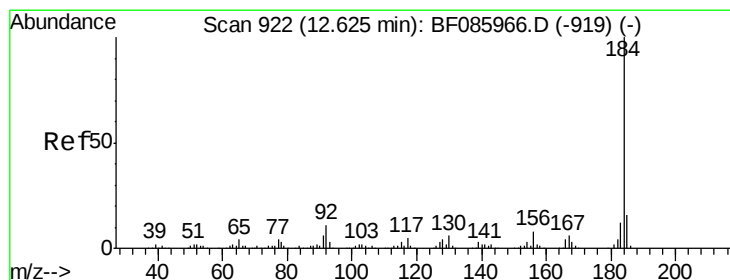
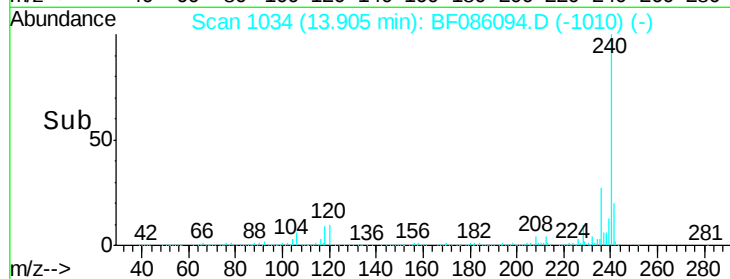
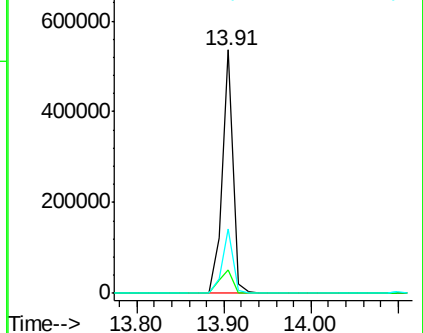
236 26.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.05 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

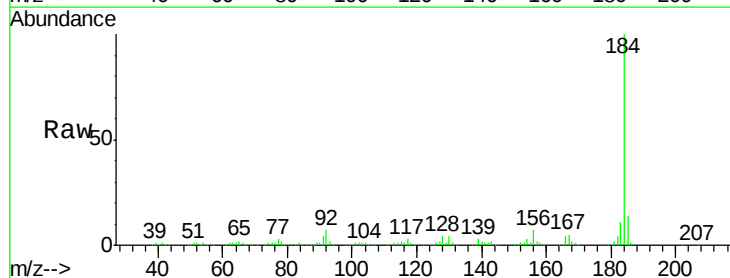
Tgt Ion:184 Resp: 317661

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

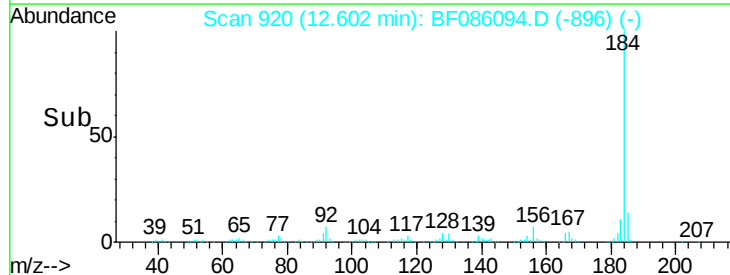
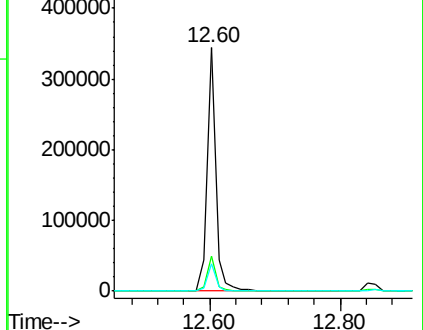
183 11.4 9.4 14.2

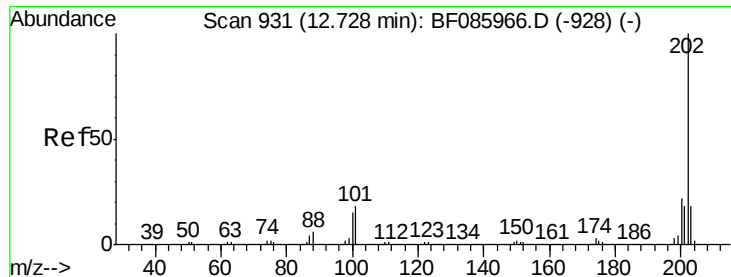


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

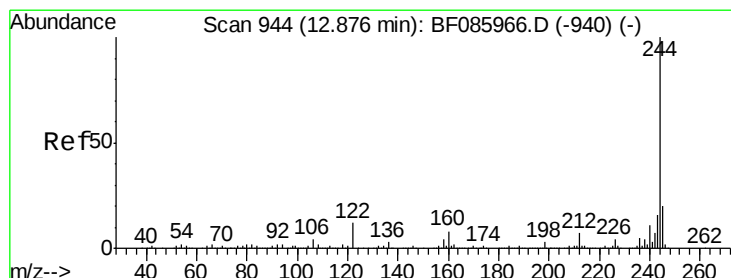
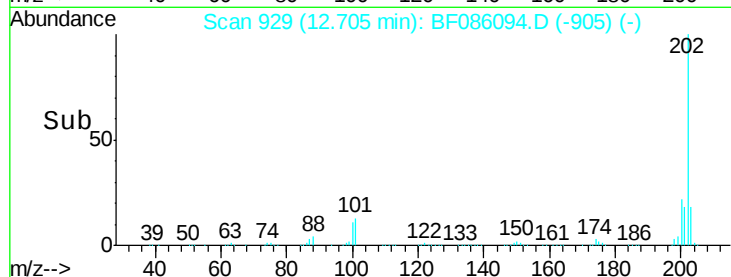
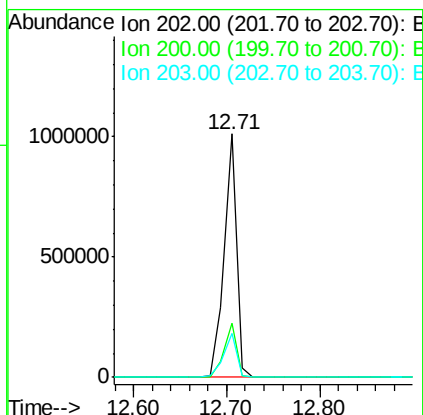
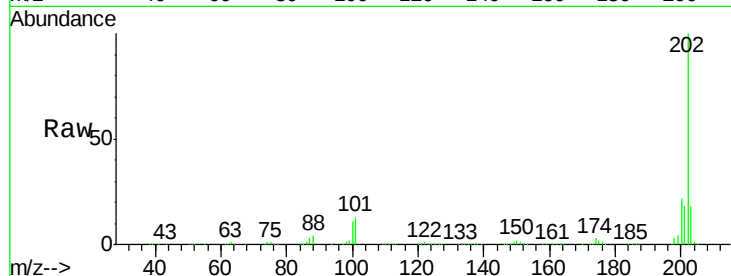




#77
 Pyrene
 Concen: 27.92 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

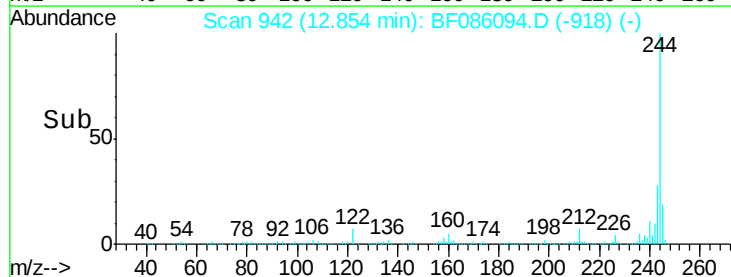
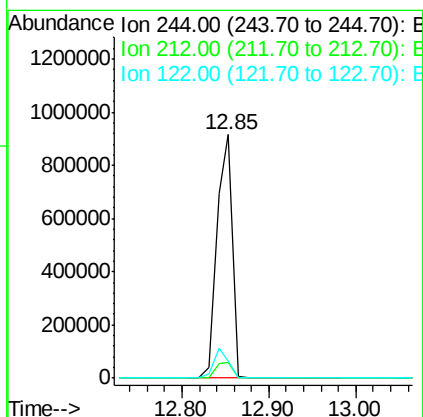
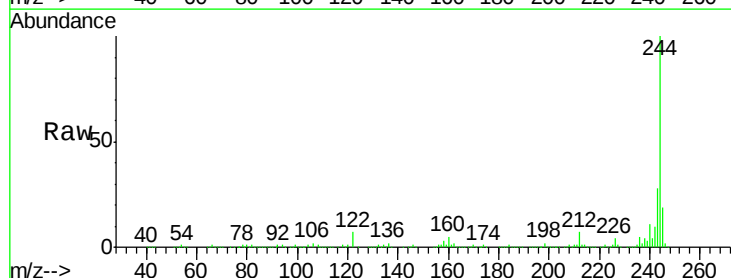
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

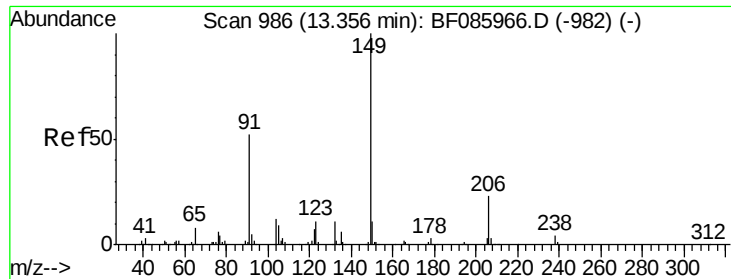
Tgt Ion: 202 Resp: 930033
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.6 26.4
 203 17.8 14.0 21.0



#78
 Terphenyl-d14
 Concen: 56.77 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion: 244 Resp: 1141510
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 7.0 10.2 15.4#

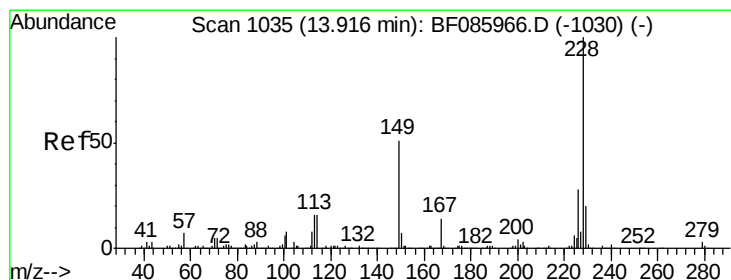
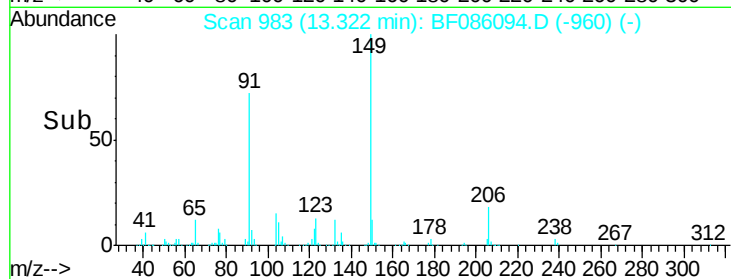
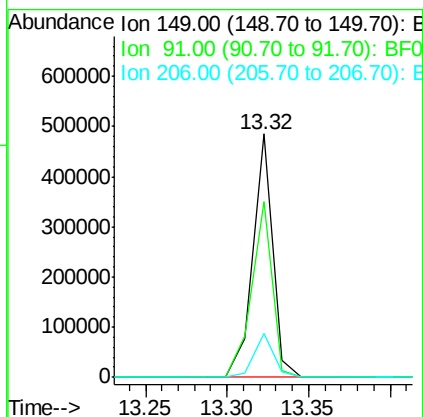
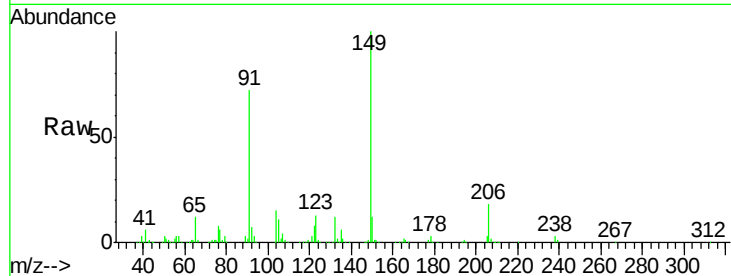




#79
Butylbenzylphthalate
Concen: 27.35 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

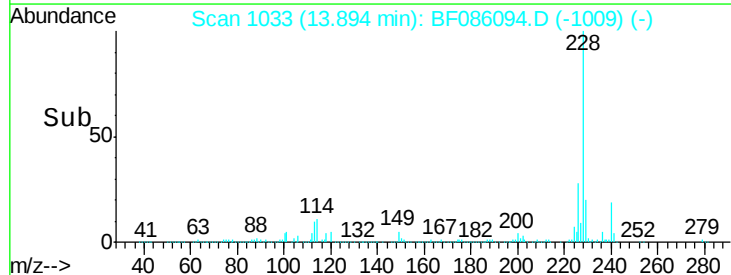
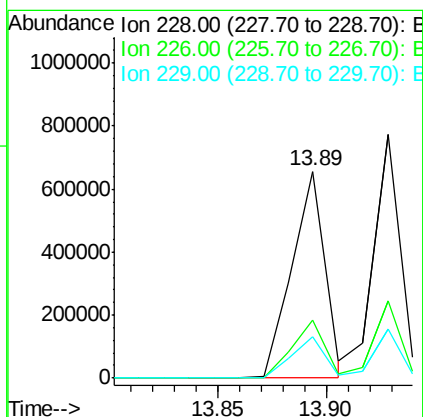
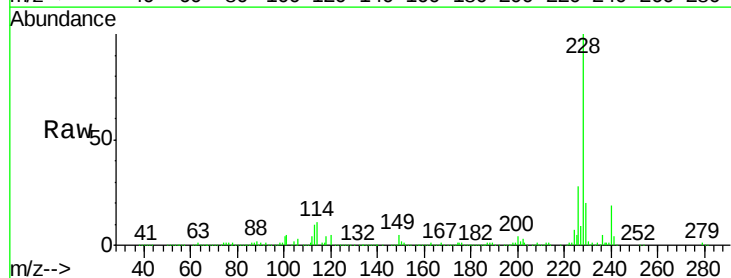
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

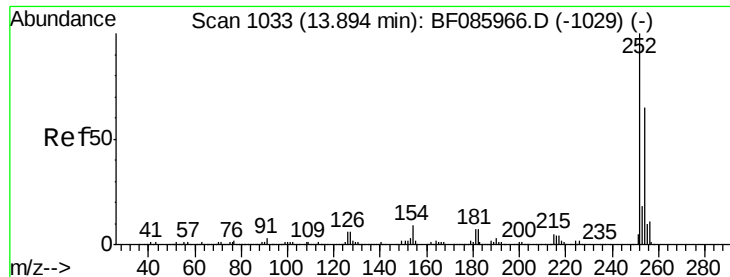
Tgt Ion:149 Resp: 410223
Ion Ratio Lower Upper
149 100
91 72.1 45.8 68.8#
206 17.9 17.8 26.8



#80
Benzo(a)anthracene
Concen: 24.95 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:228 Resp: 695255
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 19.8 16.2 24.4

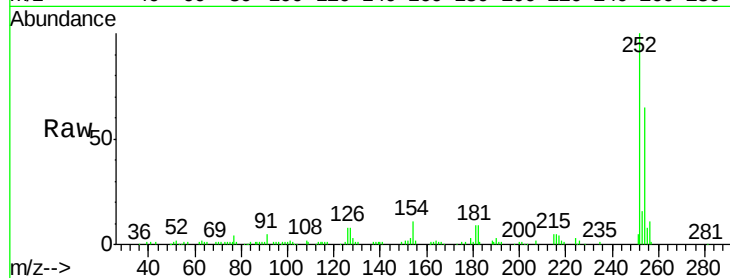




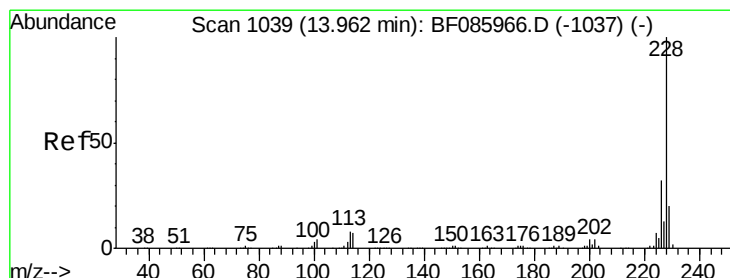
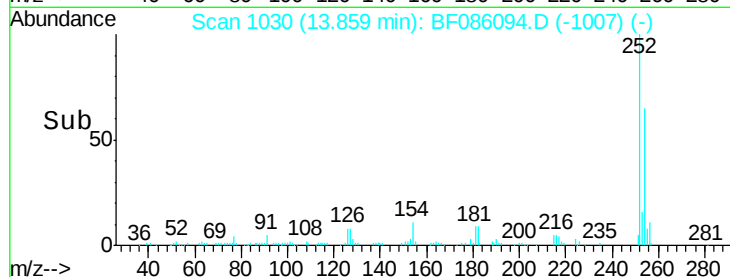
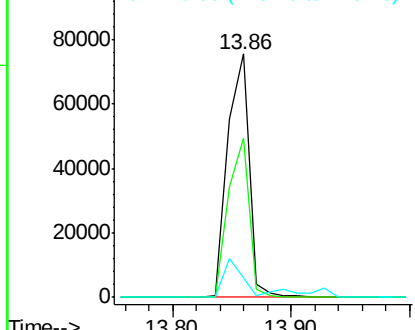
#81
 3,3'-Dichlorobenzidine
 Concen: 4.63 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tgt Ion: 252 Resp: 94295
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 8.1 11.8 17.6#

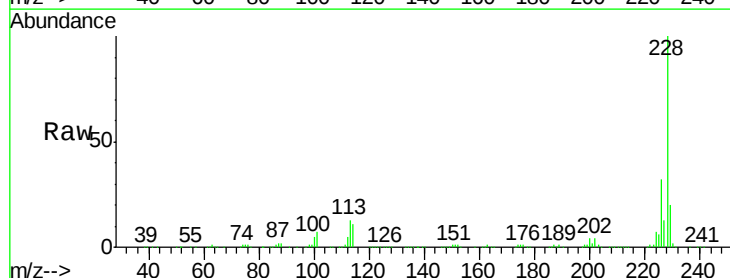


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

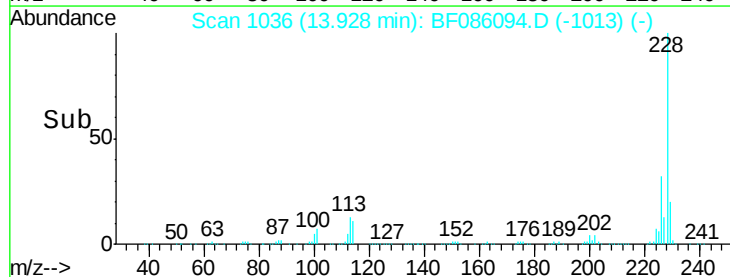
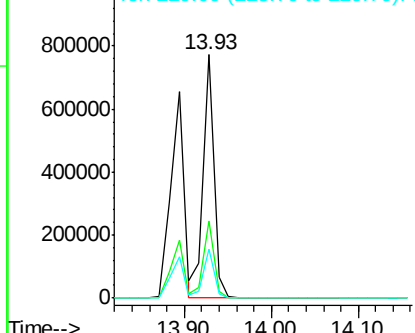


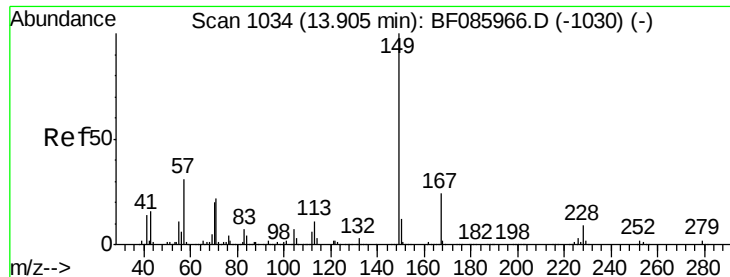
#82
 Chrysene
 Concen: 24.68 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion: 228 Resp: 662275
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.45 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

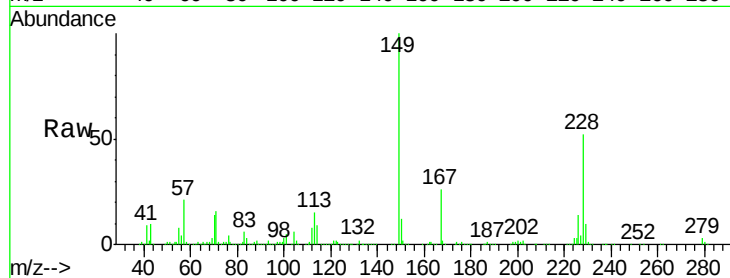
Tgt Ion:149 Resp: 506672

Ion Ratio Lower Upper

149 100

167 26.3 19.4 29.2

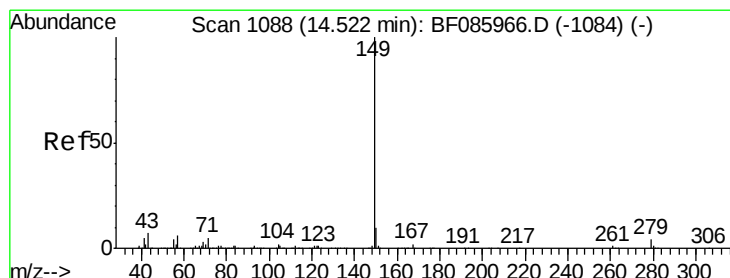
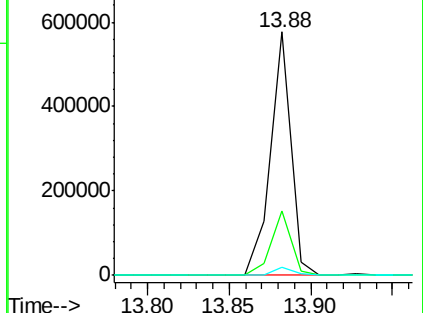
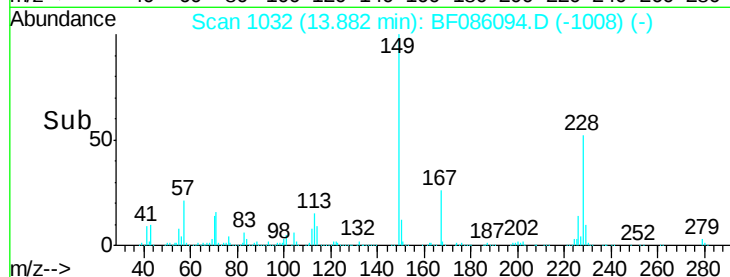
279 3.2 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.66 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

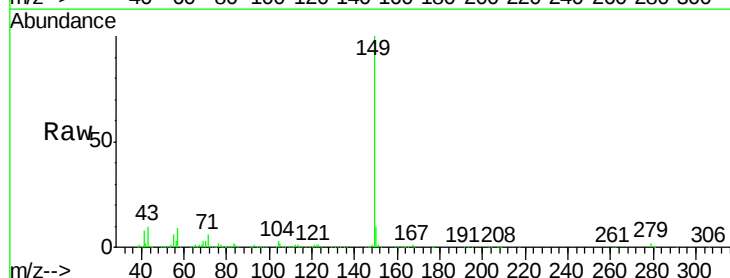
Tgt Ion:149 Resp: 784077

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

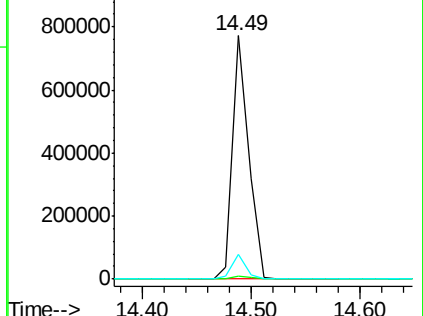
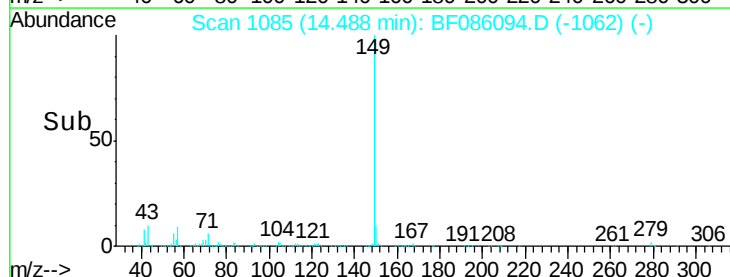
43 8.7 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

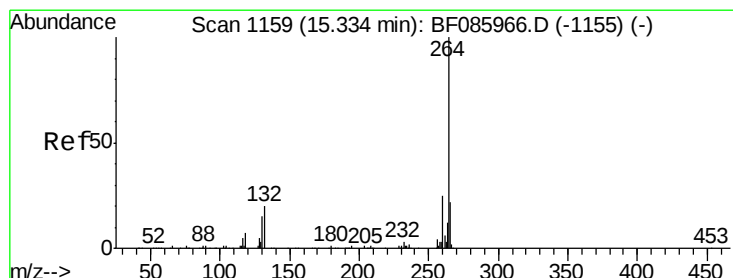
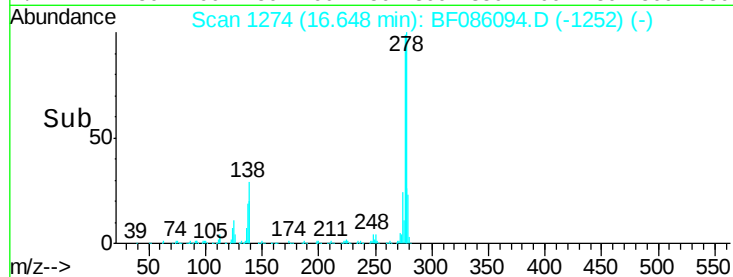
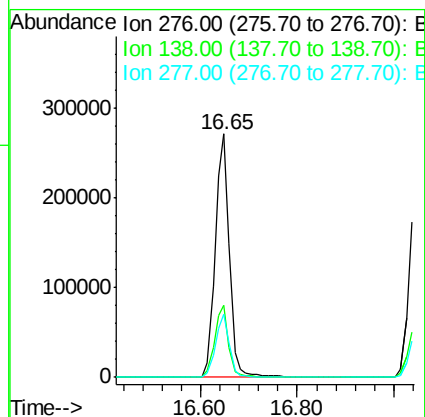
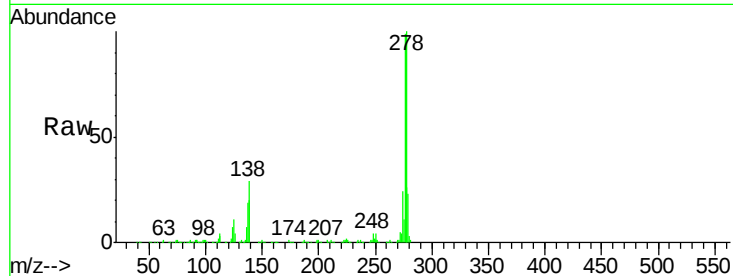




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.97 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

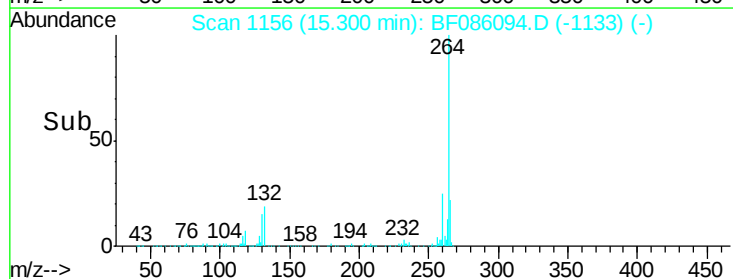
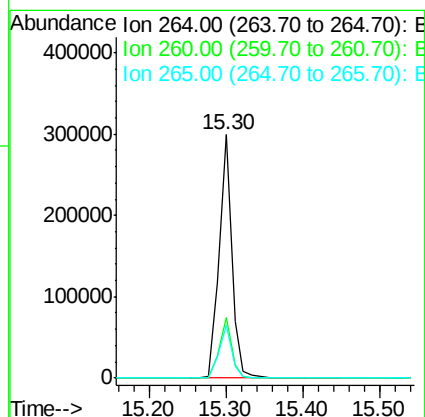
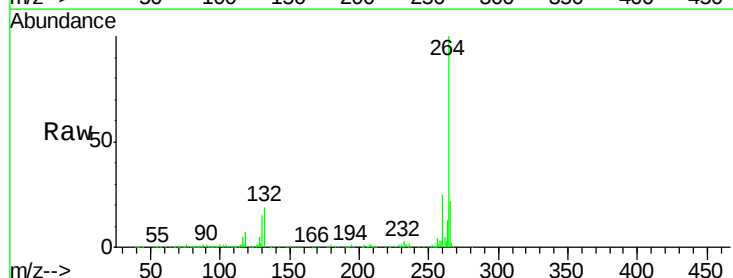
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

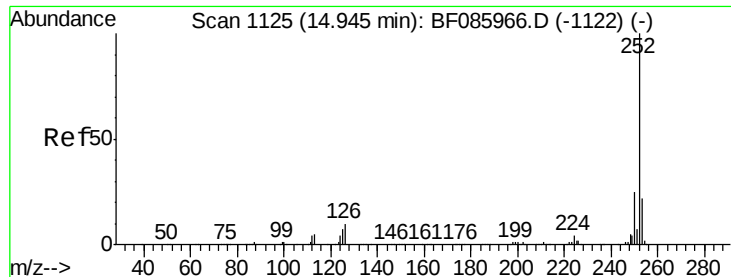
Tgt Ion:	276	Resp:	565427
Ion	Ratio	Lower	Upper
276	100		
138	28.9	24.2	36.4
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086094.D
 Acq: 6 Apr 2016 13:10

Tgt Ion:	264	Resp:	347770
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.6	17.2	25.8

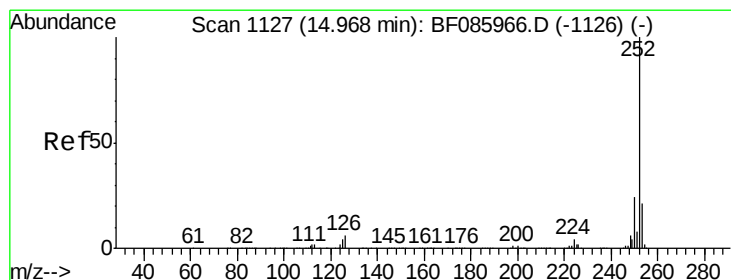
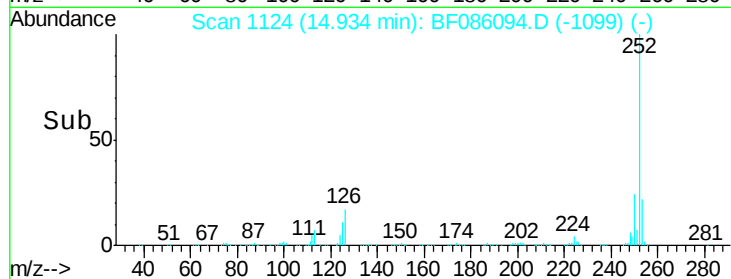
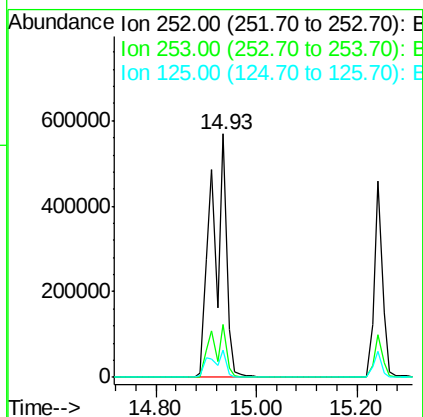
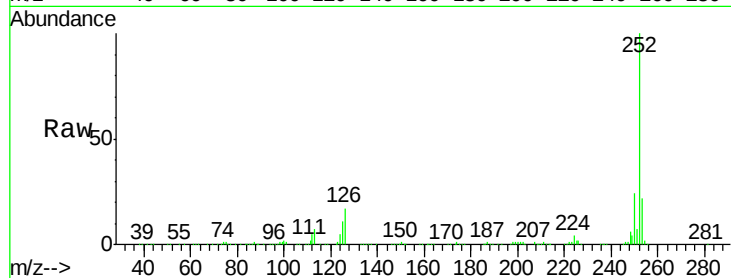




#87
Benzo(b)fluoranthene
Concen: 51.88 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

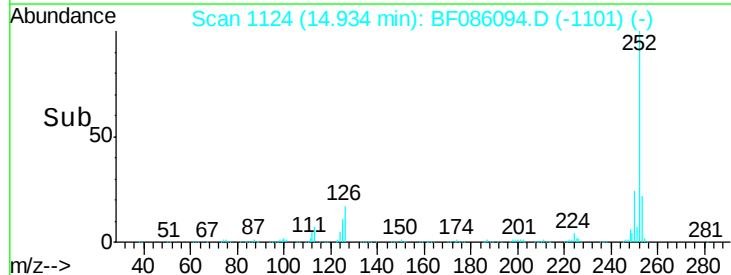
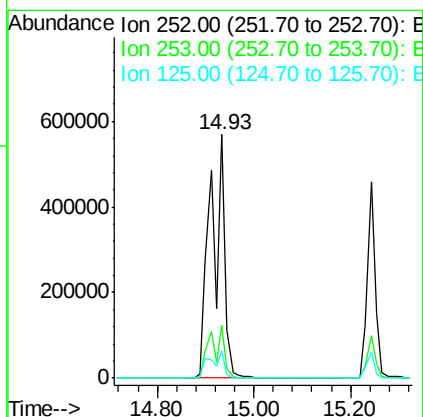
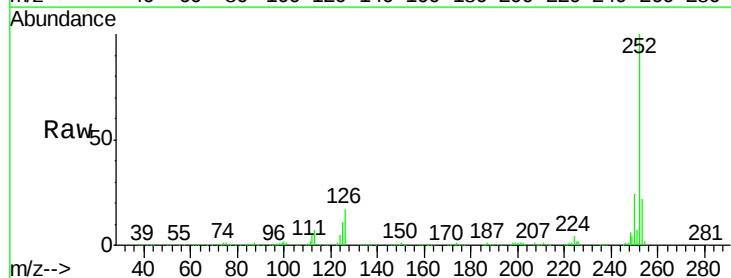
Instrument :
BNA_F
ClientSampleId :
PB89567BSD

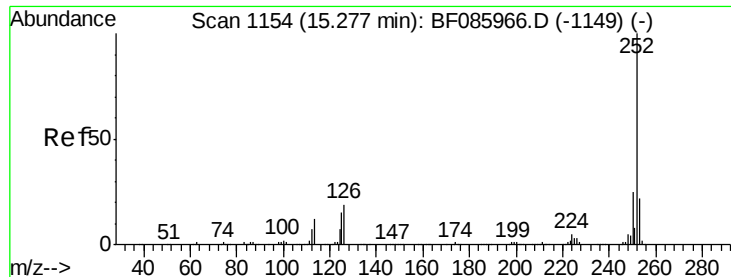
Tgt Ion:252 Resp: 1135030
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.2 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 58.59 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086094.D
Acq: 6 Apr 2016 13:10

Tgt Ion:252 Resp: 1135045
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.2 7.7 11.5





#89

Benzo(a)pyrene

Concen: 27.37 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

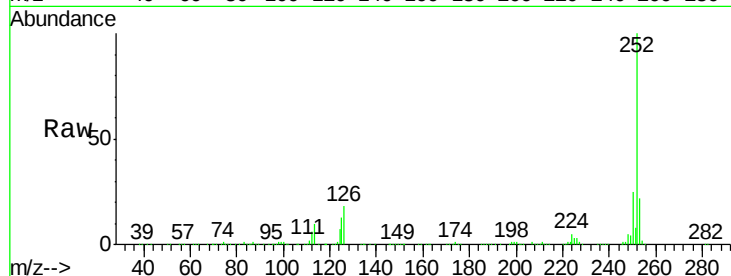
Tgt Ion:252 Resp: 530448

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

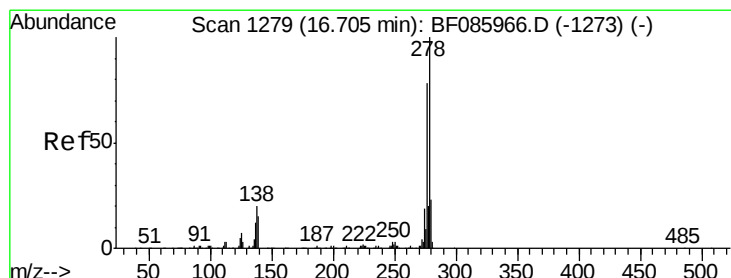
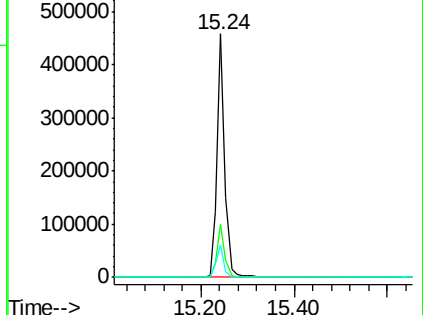
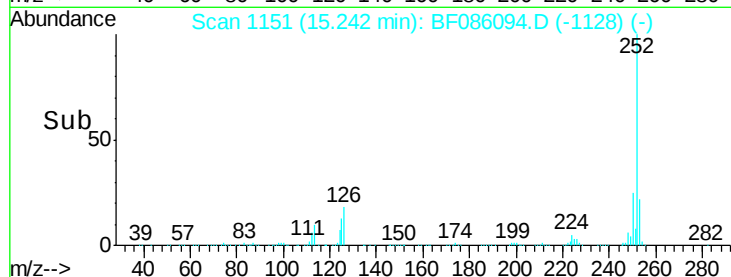
125 13.2 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 30.21 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.06 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

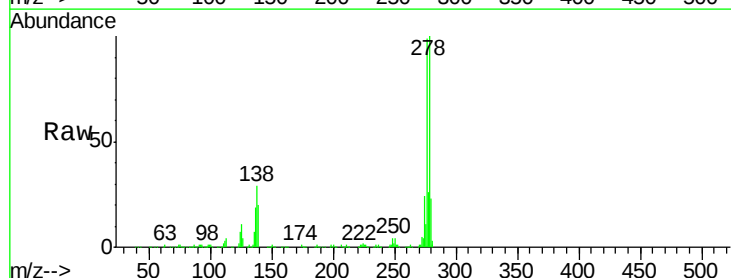
Tgt Ion:278 Resp: 471148

Ion Ratio Lower Upper

278 100

139 20.0 14.4 21.6

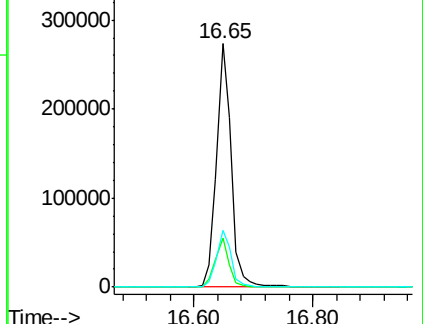
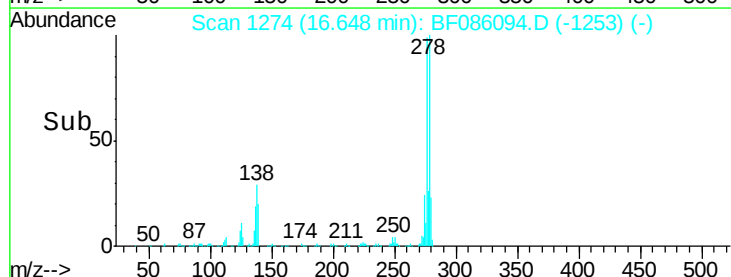
279 23.4 19.1 28.7

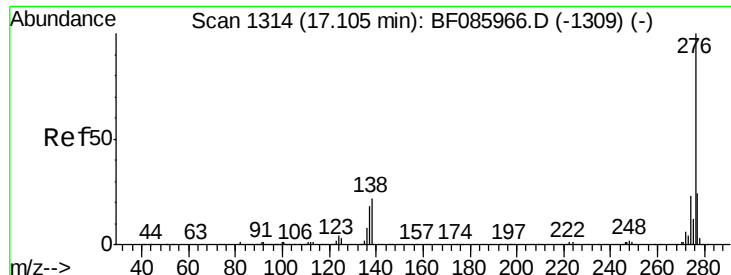


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.72 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.06 min

Lab File: BF086094.D

Acq: 6 Apr 2016 13:10

Instrument :

BNA_F

ClientSampleId :

PB89567BSD

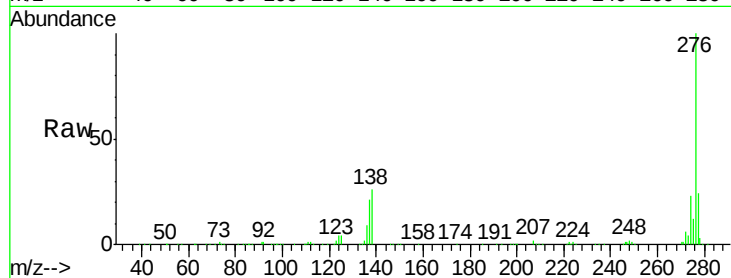
Tgt Ion: 276 Resp: 478762

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 25.6 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

